

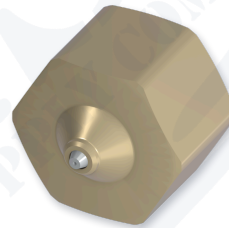


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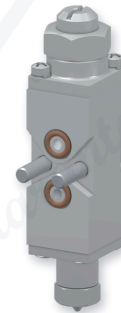
DISTRIBUTOR AND SERVICE REFERENCE

# Hot Melt Field Guide

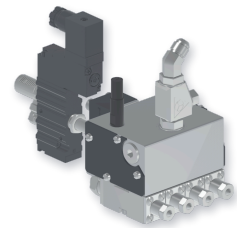
Identification, replacement parts and service for hot melt nozzles, modules, guns, hoses and Legacy and ProBlue melters, plus nonwovens applicators and the DeltaMix foam system



Nozzles



Modules



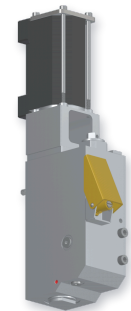
Guns



Hoses



Legacy Melters



ProBlue Parts



# Introduction

Hot Melt Field Guide

## About Hot Melt Supply Company

Hot Melt Supply Company (HMSC) supplies replacement parts, equipment and service for hot melt adhesive systems. We are based in Loganville, Georgia, and ship to customers and distributors across the country.

Our in-house engineering team works from thousands of engineering drawings. We design and build nozzles, modules, guns, hoses and melter parts that replace the Nordson part numbers shown in this book, and our own Legacy line of melters, guns and modules. Legacy equipment is engineered and assembled in the USA.

## What we offer

- Replacement parts for Nordson hot melt equipment, crossed by part number
- Legacy series melters, guns, modules and nozzles
- Custom guns built to your module count, spacing and options
- Refurbished exchange melters and pumps, and board repair service
- Help identifying parts and machines by phone

## Contact

Hot Melt Supply Company, LLC  
506 B Plantation Park Dr, Loganville, GA 30052  
Phone 1-888-202-1788  
sales@hotmeltsupplyco.com  
www.hotmeltsupplyco.com

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Nordson, ProBlue, Saturn, MiniBlue and other Nordson product names are trademarks of Nordson Corporation. Graco and Graco Inc. are trademarks of Graco Inc. Nordson and Graco part numbers are shown for identification and cross reference only. Hot Melt Supply Company is not affiliated with Nordson

## How to use this binder

This binder has eight chapters behind numbered tabs. Each chapter starts by helping you identify the part you have, then lists the parts we supply with the Nordson number each one replaces.

1

### Find the chapter

Use the tabs, or the contents page. Each tab lists the pages in its chapter.

2

### Page numbers

Pages are numbered by chapter: page 3-12 is page 12 of chapter 3. The footer also shows the chapter revision.

3

### Order

Scan the QR code on a part for its page on [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com), or call 1-888-202-1788 with the HMSC or Nordson part number.

4

### Keep it current

When we update a chapter, replace that chapter behind its tab and note it on the revision log. Ask us for the latest revisions any time.



# Contents

Hot Melt Field Guide

## 1 Nozzles

Pencil, right angle and button nozzles for H200 modules. Identify the type, orifice and angle, cross the Nordson, Valco and Graco numbers.

**Pages 1-1 to 1-23 • Rev 10/2026**

## 3 Guns

H200, MB2 and slim line guns. Read the configuration code from the gun, select solenoid, filter and cordset, and find standard bodies.

**Pages 3-1 to 3-51 • Rev 10/2026**

## 5 Legacy and ProBlue Melters

Repair parts for HMSC Legacy 7 and 10 and Nordson ProBlue 4, 7 and 10 melters: pump, manifold, filters, pneumatics and electronics.

**Pages 5-1 to 5-14 • Rev 10/2026**

## 7 DeltaMix Foam System

The HMSC tankless gas injection foam system: how it works, specifications, troubleshooting and spares.

**Pages 7-1 to 7-3 • Rev 10/2026**

## Q Part Number Quick Reference

Nordson and HMSC part numbers, description, price and page for every part, by chapter.

**Printed binder only, behind tab Q. Request a printed copy:**

[www.hotmeltsupplyco.com/request-quick-reference](http://www.hotmeltsupplyco.com/request-quick-reference)

## 2 Modules

H200 and mini ball and seat and NC modules. Air type, needle style, filtered upgrades and the HMSC module that replaces each Nordson number.

**Pages 2-1 to 2-13 • Rev 10/2026**

## 4 Hoses

Packaging, washdown, hand gun and Meltex hoses. Connectors, pin faces and wiring from melter to applicator.

**Pages 4-1 to 4-19 • Rev 10/2026**

## 6 Nonwovens and Engineered Applicators

Nonwovens spray modules, control modules and filters, and examples of custom guns, conversion modules and shim nozzles built by HMSC.

**Pages 6-1 to 6-7 • Rev 10/2026**

## 8 Cleaning and Troubleshooting

Tank cleaning, flushing and purging; modules that will not open, close or seal; nozzle clogs; and QR links to the HMSC online tools.

**Pages 8-1 to 8-5 • Rev 10/2026**



# Revision Log

| Chapter                                 | Revision | Notes                                                                               |
|-----------------------------------------|----------|-------------------------------------------------------------------------------------|
| 1. Nozzles                              | 10/2026  | First binder release                                                                |
| 2. Modules                              | 10/2026  | First binder release                                                                |
| 3. Guns                                 | 10/2026  | Quick Ship standard module guns use T10F29B5S, the 1052925 replacement (2026-10-08) |
| 4. Hoses                                | 10/2026  | First binder release                                                                |
| 5. Legacy and ProBlue Melters           | 10/2026  | First binder release                                                                |
| 6. Nonwovens and Engineered Applicators | 10/2026  | First binder release                                                                |
| 7. DeltaMix Foam System                 | 10/2026  | First binder release                                                                |
| 8. Cleaning and Troubleshooting         | 10/2026  | First binder release                                                                |

## Updates received

| Date | Chapter | New revision | Inserted by |
|------|---------|--------------|-------------|
|      |         |              |             |
|      |         |              |             |
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## CHAPTER 1

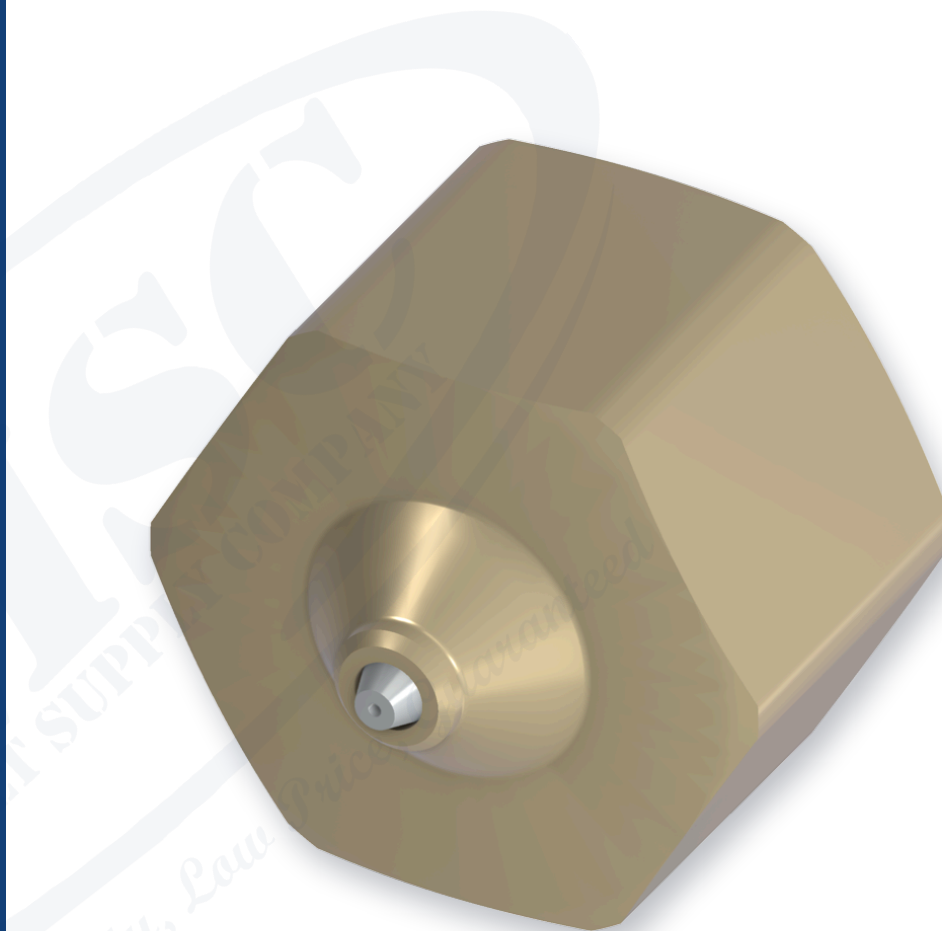
# Nozzles

## Nozzle Identification and Ordering Guide

Pencil, right angle and button nozzles for H200 modules. Identify the type, orifice and angle, cross the Nordson, Valco and Graco numbers.

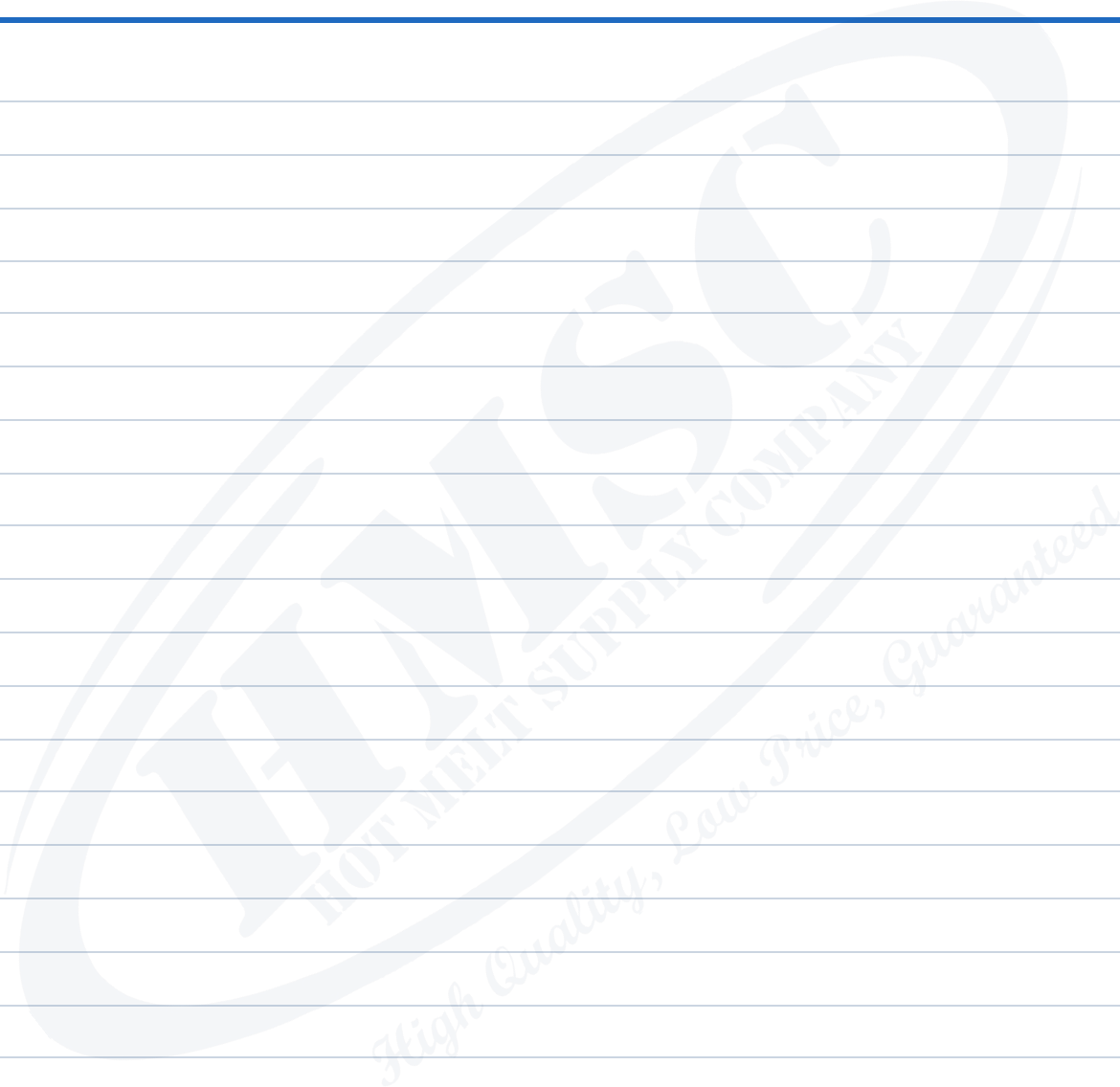
Revision 10/2026

|                                          |      |
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# Notes





# Nozzle Identification and Ordering Guide

Nozzle Identification and Ordering Guide

H200 nozzles come in three types. Identify the type by its shape, then read the orifice size on the hex. Engagement length or angle completes the part number.

## 1 Nozzle type

Pencil (straight), right angle, or button. See the pictures at right.

## 2 Orifice size

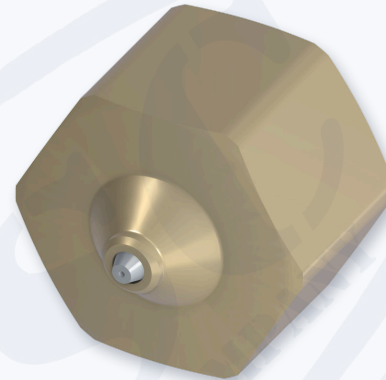
HMSC nozzles are marked with the orifice size on the lower half of the hex face. Original Nordson Saturn nozzles use a color coded lower ring (page 1-4).

## 3 Engagement length or angle

**Pencil:** engagement length .050, .075, .100, .150 or .300 (page 1-2).

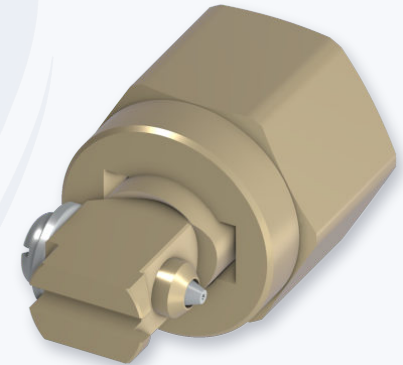
**Right angle:** single 90 degree, or dual 15 or 30 degree (page 1-3).

**Button:** number of orifices and spray angle (page 1-3).



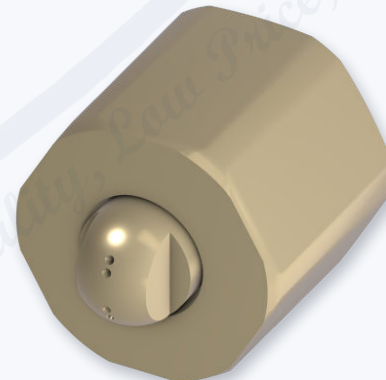
### Pencil

Straight, single orifice. Families 3220xx to 3224xx.



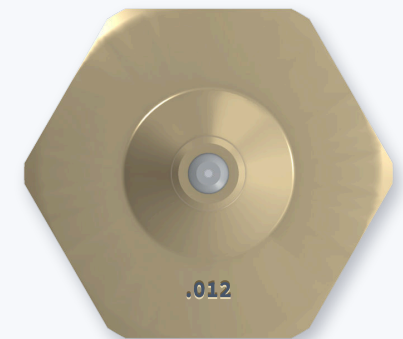
### Right angle

Shoots sideways. Single (10110xx) or dual (10158xx, 10159xx).



### Button

Low profile dome, one to three orifices. 238xxx.



### Orifice size marking

Lower half of the hex face.



ORIFICE SIZE AND ENGAGEMENT LENGTH

## Pencil Nozzles

Nozzle Identification and Ordering Guide

### Orifice size Marked on the lower half of the hex face



Read the orifice size in inches on the lower half of the hex face. Sizes run from .008 to .040.

### Engagement length The length of the orifice bore



Engagement length is the length of the small orifice bore inside the insert. The .050 to .150 nozzles look the same from outside, so confirm with the part number on the package or your order history. The .300 nozzle has a visibly longer tip. 322030 and 322040 are .150 engagement despite the 3220 number.

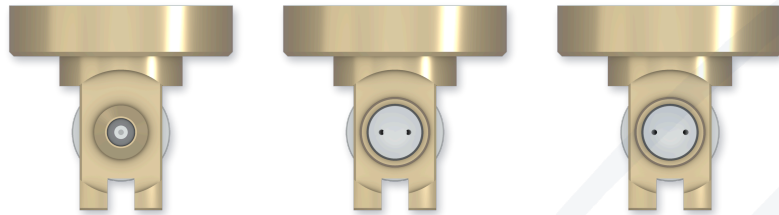


COUNT THE ORIFICES AND READ THE ANGLE

# Right Angle and Button Nozzles

Nozzle Identification and Ordering Guide

## Right angle Look at the orifice face



### Single

1 orifice, 90 degree. 10110xx



### Dual 15

2 orifices, 15 degree total.



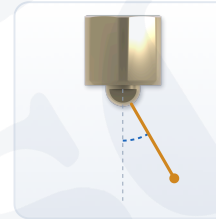
### Dual 30

2 orifices, 30 degree total.



One hole = single. Two holes = dual. Dual 15 and dual 30 look alike from the front; the angle between the two streams is 15 or 30 degrees total. Confirm with the marking or package.

## Button Shoots down onto the product



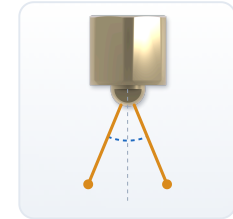
### Single 30

1 orifice, 30 degrees off center



### Dual 15

2 orifices, 15 degrees apart



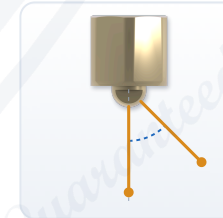
### Dual 45

2 orifices, 45 degrees apart



### Dual 0/15

2 orifices, one on center, one 15 degrees off center



### Dual 0/45

2 orifices, one on center, one 45 degrees off center



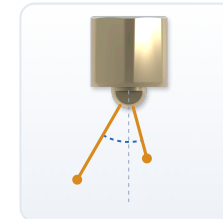
### Triple 30

3 orifices, 30 degrees across (center and  $\pm 15$ )



### Triple 45

3 orifices, 45 degrees across (center and  $\pm 22.5$ )



### Triple Radial 30

3 orifices 120 degrees apart around the dome, each 30 degrees off center



### Quad 40

4 orifices, 40 degrees across

Single: angle off center. Dual: angle between the two streams. Dual 0/A: one on center, one A off center. Triple and quad: total angle across the outer streams. See the pattern chart for every size.



# Nordson Saturn Color Code

Original Nordson Saturn nozzles carry two colored rings. The top band shows engagement length (pencil) or angle (right angle). The lower band shows orifice size. Each cell shows the top band, part number and lower band.

## Pencil nozzles

| Orifice (lower band) / Engagement (top band) | .050<br>Purple | .075<br>Brown | .100<br>Blue | .150<br>Green | .300<br>Black |
|----------------------------------------------|----------------|---------------|--------------|---------------|---------------|
| .008<br>Purple                               | 322008         |               |              |               |               |
| .010<br>Blue                                 | 322010         | 322110        |              |               |               |
| .012<br>Green                                | 322012         | 322112        | 322212       | 322312        | 322412        |
| .014<br>Yellow                               | 322014         | 322114        | 322214       | 322314        | 322414        |
| .016<br>Orange                               | 322016         | 322116        | 322216       | 322316        | 322416        |
| .018<br>Red                                  | 322018         | 322118        | 322218       | 322318        | 322418        |
| .020<br>Beige                                | 322020         | 322120        | 322220       | 322320        |               |
| .021<br>Brown                                |                |               |              |               | 322421        |
| .024<br>Gray                                 | 322024         | 322124        | 322224       | 322324        | 322424        |
| .028<br>Black                                | 322028         |               |              | 322328        | 322428        |
| .040<br>Turquoise                            |                |               |              | 322040*       |               |

\* 322040: .150 engagement despite the 3220 number.

## Right angle nozzles

| Orifice (lower band) / Angle (top band) | Single 90<br>Purple | Dual 15<br>Brown | Dual 30<br>Blue |
|-----------------------------------------|---------------------|------------------|-----------------|
| .008<br>Purple                          | 1011008             |                  |                 |
| .010<br>Blue                            | 1011010             |                  |                 |
| .012<br>Green                           | 1011012             | 1015812          | 1015912         |
| .014<br>Yellow                          | 1011014             | 1015814          | 1015914         |
| .016<br>Orange                          | 1011016             | 1015816          | 1015916         |
| .018<br>Red                             | 1011018             | 1015818          | 1015918         |
| .020<br>Beige                           | 1011020             | 1015820          | 1015920         |
| .024<br>Gray                            | 1011024             | 1015824          | 1015924         |
| .028<br>Black                           | 1011028             | 1015828          | 1015928         |
| .032<br>Gold                            | 1011032             |                  |                 |
| .040<br>Turquoise                       | 1011040             |                  |                 |

The Saturn color code and part numbers are the property of Nordson Corporation and are shown for identification reference only. Nordson and Saturn are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation. HMSC nozzles are marked with the orifice size on the hex instead of rings.

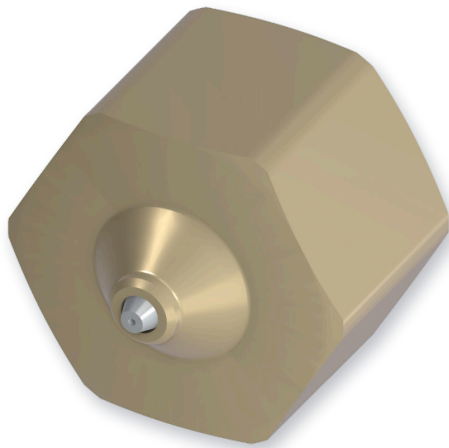




WHAT SETS OUR NOZZLES APART

# HMSC Nozzle Features

Nozzle Identification and Ordering Guide



Phosphor brass body, stainless steel insert



Precision drilled orifice,  $\pm 0.0005$  in.

- 1 High quality phosphor brass**  
Nozzle bodies are machined from high quality phosphor brass.
- 2 Precision drilled orifices**  
Orifice diameter is held to  $\pm 0.0005$  in. Precision drilled holes shoot straighter.
- 3 Less drool**  
Our drilled orifices are less likely to drool than aftermarket nozzles made with pressed in hypodermic needle stock.

## Every nozzle is checked by hand

**1**

### Probed

Orifice hand probed and inspected

**2**

### Inserted and crimped

Insert pressed in and crimped

**3**

### Straightness

Inspected for a straight stream

**4**

### Packaged

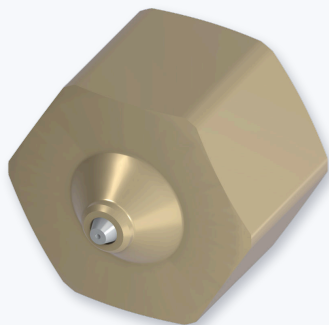
Labeled and packaged

*Button nozzles are one piece, precision drilled brass with no insert.*



# Pencil Nozzles: .050 Engagement

Nozzle Identification and Ordering Guide



**Type** Pencil (straight)  
**Engagement** .050  
**Nordson** 322 0xx (old 237 2xx)  
**Saturn top band**  Purple  
**Note** 322030 and 322040 are .150 engagement, listed with the .150 nozzles



## HMS-N-322008

Replaces Nordson 322008  
Also 237208  
*Valco 971xx101*  
*Graco 130010*  
.008 orifice · .050 engagement



## HMS-N-322010

Replaces Nordson 322010  
Also 237210  
*Valco 971xx102*  
*Graco 130011*  
.010 orifice · .050 engagement



## HMS-N-322012

Replaces Nordson 322012  
Also 237212  
*Valco 971xx103*  
*Graco 130012*  
.012 orifice · .050 engagement



## HMS-N-322014

Replaces Nordson 322014  
Also 237214  
*Valco 971xx104*  
*Graco 130013*  
.014 orifice · .050 engagement



## HMS-N-322016

Replaces Nordson 322016  
Also 237216  
*Valco 971xx105*  
*Graco 130014*  
.016 orifice · .050 engagement



## HMS-N-322018

Replaces Nordson 322018  
Also 237218  
*Valco 971xx106*  
*Graco 130015*  
.018 orifice · .050 engagement



## HMS-N-322020

Replaces Nordson 322020  
Also 237220  
*Valco 971xx107*  
*Graco 130016*  
.020 orifice · .050 engagement



## HMS-N-322024

Replaces Nordson 322024  
Also 237224, 237622  
*Valco 971xx108*  
*Graco 130017*  
.024 orifice · .050 engagement



## HMS-N-322028

Replaces Nordson 322028  
Also 237228  
*Graco 130018*  
.028 orifice · .050 engagement

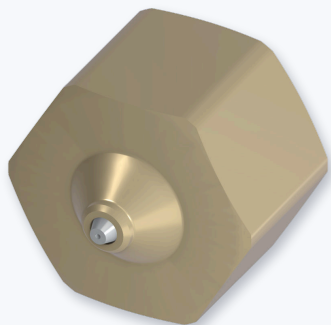


Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



# Pencil Nozzles: .075 Engagement

Nozzle Identification and Ordering Guide



**Type** Pencil (straight)  
**Engagement** .075  
**Nordson** 322 1xx (old 237 3xx)  
**Saturn top band**  Brown



## HMS-N-322110

Replaces Nordson 322110  
Also 237310, 237621  
*Valco 971xx202*  
*Graco 130028*  
**.010 orifice · .075 engagement**



## HMS-N-322112

Replaces Nordson 322112  
Also 237312  
*Valco 971xx203*  
*Graco 130029*  
**.012 orifice · .075 engagement**



## HMS-N-322114

Replaces Nordson 322114  
Also 237314  
*Valco 971xx204, 971xx208*  
*Graco 130030*  
**.014 orifice · .075 engagement**



## HMS-N-322116

Replaces Nordson 322116  
Also 237316  
*Valco 971xx205*  
*Graco 130031*  
**.016 orifice · .075 engagement**



## HMS-N-322118

Replaces Nordson 322118  
Also 237318  
*Valco 971xx206*  
*Graco 130032*  
**.018 orifice · .075 engagement**



## HMS-N-322120

Replaces Nordson 322120  
Also 237320  
*Valco 971xx207*  
*Graco 130033*  
**.020 orifice · .075 engagement**



## HMS-N-322124

Replaces Nordson 322124  
Also 237324, 237623  
*Graco 130034*  
**.024 orifice · .075 engagement**



## HMS-N-237328

Replaces Nordson 237328  
**.028 orifice · .075 engagement**

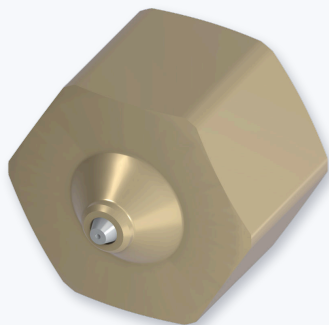


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# Pencil Nozzles: .100 Engagement

Nozzle Identification and Ordering Guide



**Type** Pencil (straight)  
**Engagement** .100  
**Nordson** 322 2xx (old 237 4xx)  
**Saturn top band**  Blue



## HMS-N-322212

Replaces Nordson 322212  
Also 237412  
*Valco 971xx303*  
*Graco 130041*  
**.012 orifice · .100 engagement**



## HMS-N-322214

Replaces Nordson 322214  
Also 237414, 239865  
*Valco 971xx304*  
*Graco 130042*  
**.014 orifice · .100 engagement**



## HMS-N-322216

Replaces Nordson 322216  
Also 237416  
*Valco 971xx305*  
*Graco 130043*  
**.016 orifice · .100 engagement**



## HMS-N-322218

Replaces Nordson 322218  
Also 237418  
*Valco 971xx306*  
*Graco 130044*  
**.018 orifice · .100 engagement**



## HMS-N-322220

Replaces Nordson 322220  
Also 237420  
*Valco 971xx307*  
*Graco 130045*  
**.020 orifice · .100 engagement**



## HMS-N-322224

Replaces Nordson 322224  
Also 237624  
*Valco 971xx308, 971xx408*  
*Graco 130046*  
**.024 orifice · .100 engagement**

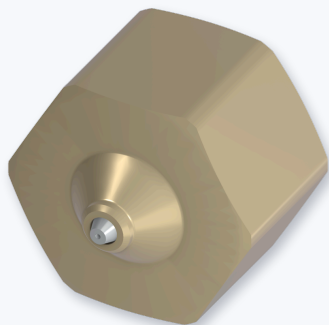


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# Pencil Nozzles: .150 Engagement

Nozzle Identification and Ordering Guide



**Type** Pencil (straight)  
**Engagement** .150  
**Nordson** 322 3xx (old 237 6xx)  
**Saturn top band** Green  
**Note** 322030 and 322040: .150 engagement despite the 3220 number



## HMS-N-322312

Replaces Nordson 322312  
Also 237612  
Valco 971xx403  
Graco 130055  
**.012 orifice · .150 engagement**



## HMS-N-322314

Replaces Nordson 322314  
Also 237614  
Valco 971xx404  
Graco 130056  
**.014 orifice · .150 engagement**



## HMS-N-322316

Replaces Nordson 322316  
Also 237616  
Valco 971xx405  
Graco 130057  
**.016 orifice · .150 engagement**



## HMS-N-322318

Replaces Nordson 322318  
Also 237618  
Valco 971xx406  
Graco 130058  
**.018 orifice · .150 engagement**



## HMS-N-322320

Replaces Nordson 322320  
Also 237620  
Valco 971xx407  
Graco 130059  
**.020 orifice · .150 engagement**



## HMS-N-322324

Replaces Nordson 322324  
Also 237625  
Valco 971xx408  
Graco 130060  
**.024 orifice · .150 engagement**



## HMS-N-322328

Replaces Nordson 322328  
Also 1058927, 237628  
Graco 130061  
**.028 orifice · .150 engagement**



## HMS-N-322030

Replaces Nordson 322030  
Also 237230, 237330, 237630  
**.030 orifice · .150 engagement despite the 3220 number**



## HMS-N-322040

Replaces Nordson 322040  
**.040 orifice · .150 engagement despite the 3220 number**



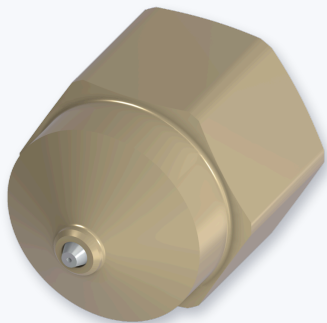
Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



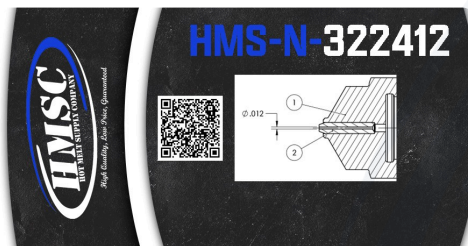


# Pencil Nozzles: .300 Engagement

Nozzle Identification and Ordering Guide



**Type** Pencil (straight)  
**Engagement** .300  
**Nordson** 322 4xx (old 237 0xx)  
**Saturn top band**  Black



**HMS-N-322412**  
Replaces Nordson 322412  
Also 237003  
*Valco 971xx501*  
*Graco 130070*  
**.012 orifice · .300 engagement**



**HMS-N-322414**  
Replaces Nordson 322414  
Also 237005  
*Valco 971xx502*  
*Graco 130071*  
**.014 orifice · .300 engagement**



**HMS-N-322416**  
Replaces Nordson 322416  
Also 237008  
*Valco 971xx503*  
*Graco 130072*  
**.016 orifice · .300 engagement**



**HMS-N-322418**  
Replaces Nordson 322418  
Also 237018  
*Valco 971xx504*  
*Graco 130073*  
**.018 orifice · .300 engagement**



**HMS-N-322421**  
Replaces Nordson 322421  
Also 237027  
*Valco 971xx505*  
*Graco 130074*  
**.021 orifice · .300 engagement**



**HMS-N-322424**  
Replaces Nordson 322424  
Also 237040, 3017000  
*Valco 971xx506*  
*Graco 130075*  
**.024 orifice · .300 engagement**



**HMS-N-322428**  
Replaces Nordson 322428  
Also 237060, 351090  
*Valco 971xx507*  
*Graco 130076*  
**.028 orifice · .300 engagement**



**HMS-N-237070**  
Replaces Nordson 237070  
Also 3018000  
**.030 orifice · .300 engagement**

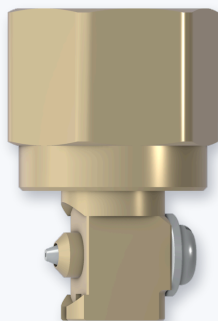


Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.

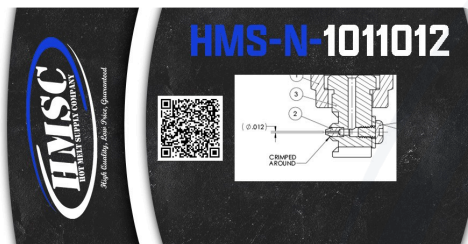


# Right Angle Nozzles: Single Orifice

Nozzle Identification and Ordering Guide



**Type** Right angle  
**Orifices** Single, 90 degree  
**Nordson** 1011 0xx (old 320 0xx)  
**Saturn top band**  Purple



## HMS-N-1011008

Replaces Nordson 1011008  
Also 320008, 707867  
Valco 974xx001  
Graco 130109

**.008 orifice · Single, 90 degree**



## HMS-N-1011012

Replaces Nordson 1011012  
Also 238739, 244518, 320012  
Valco 974xx003  
Graco 130111

**.012 orifice · Single, 90 degree**



## HMS-N-1011016

Replaces Nordson 1011016  
Also 244520, 320016  
Valco 974xx005  
Graco 130113

**.016 orifice · Single, 90 degree**



## HMS-N-1011020

Replaces Nordson 1011020  
Also 238743, 270853, 320020  
Valco 974xx007  
Graco 130115

**.020 orifice · Single, 90 degree**



## HMS-N-1011028

Replaces Nordson 1011028  
Also 271022, 320028  
Valco 974xx009  
Graco 130117

**.028 orifice · Single, 90 degree**



## HMS-N-1011032

Replaces Nordson 1011032  
Also 231149, 320032  
Valco 974xx010  
Graco 130118

**.032 orifice · Single, 90 degree**



## HMS-N-1011010

Replaces Nordson 1011010  
Also 270842, 320010, 714847  
Valco 974xx002  
Graco 130110

**.010 orifice · Single, 90 degree**



## HMS-N-1011014

Replaces Nordson 1011014  
Also 244519, 320014  
Valco 974xx004  
Graco 130112

**.014 orifice · Single, 90 degree**



## HMS-N-1011018

Replaces Nordson 1011018  
Also 130114, 165774, 320018  
Valco 974xx006  
Graco 130114

**.018 orifice · Single, 90 degree**



## HMS-N-1011024

Replaces Nordson 1011024  
Also 165775, 320024  
Valco 974xx008  
Graco 130116

**.024 orifice · Single, 90 degree**



## HMS-N-1011030

Replaces Nordson 1011030  
Also 165782, 320030

**.030 orifice · Single, 90 degree**



## HMS-N-1011040

Replaces Nordson 1011040  
Also 320040, 804832  
Valco 974xx011  
Graco 130119

**.040 orifice · Single, 90 degree**



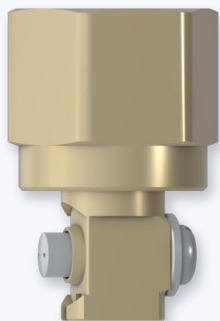
Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



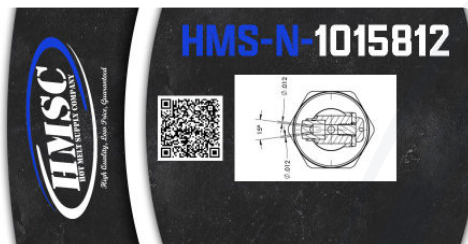


# Right Angle Nozzles: Dual 15 Degree

Nozzle Identification and Ordering Guide



**Type** Right angle  
**Orifices** Dual, 15 degree total  
**Nordson** 1015 8xx (old 320 1xx)  
**Saturn top band**  Brown



## HMS-N-1015812

Replaces Nordson 1015812  
Also 165776, 320112  
Valco 974xx203  
Graco 130211  
**.012 orifice · Dual, 15 degree**



## HMS-N-1015814

Replaces Nordson 1015814  
Also 273384, 320114  
Valco 974xx204  
Graco 130212  
**.014 orifice · Dual, 15 degree**



## HMS-N-1015816

Replaces Nordson 1015816  
Also 320116, 804047  
Valco 974xx205  
Graco 130213  
**.016 orifice · Dual, 15 degree**



## HMS-N-1015818

Replaces Nordson 1015818  
Also 165777, 320118  
Valco 974xx206  
Graco 130214  
**.018 orifice · Dual, 15 degree**



## HMS-N-1015820

Replaces Nordson 1015820  
Also 271938, 320120  
Valco 974xx207  
Graco 130215  
**.020 orifice · Dual, 15 degree**



## HMS-N-1015824

Replaces Nordson 1015824  
Also 165778, 320124  
Valco 974xx208  
Graco 130216  
**.024 orifice · Dual, 15 degree**



## HMS-N-1015828

Replaces Nordson 1015828  
Also 165779, 320128  
Valco 974xx209  
Graco 130217  
**.028 orifice · Dual, 15 degree**

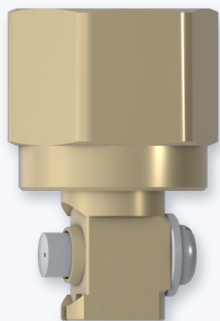


Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.

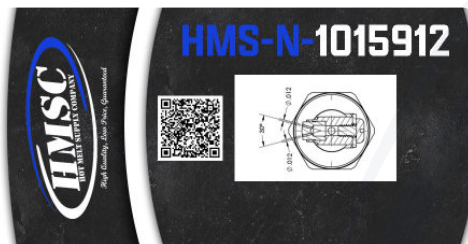


# Right Angle Nozzles: Dual 30 Degree

Nozzle Identification and Ordering Guide



**Type** Right angle  
**Orifices** Dual, 30 degree total  
**Nordson** 1015 9xx (old 320 2xx)  
**Saturn top band**  Blue



## HMS-N-1015912

Replaces Nordson 1015912  
Also 270698, 320212  
*Valco 974xx403*  
*Graco 130218*  
**.012 orifice · Dual, 30 degree**



## HMS-N-1015914

Replaces Nordson 1015914  
Also 270699, 320214  
*Valco 974xx404*  
*Graco 130219*  
**.014 orifice · Dual, 30 degree**



## HMS-N-1015916

Replaces Nordson 1015916  
Also 270700, 320216  
*Valco 974xx405*  
*Graco 130220*  
**.016 orifice · Dual, 30 degree**



## HMS-N-1015918

Replaces Nordson 1015918  
Also 130221, 165780, 320218  
*Valco 974xx406*  
*Graco 130221*  
**.018 orifice · Dual, 30 degree**



## HMS-N-1015920

Replaces Nordson 1015920  
Also 320220, 709786  
*Valco 974xx407*  
*Graco 130222*  
**.020 orifice · Dual, 30 degree**



## HMS-N-1015924

Replaces Nordson 1015924  
Also 165781, 320224  
*Valco 974xx408*  
*Graco 130223*  
**.024 orifice · Dual, 30 degree**



## HMS-N-1015928

Replaces Nordson 1015928  
Also 320228, 808792  
*Valco 974xx409*  
*Graco 130224*  
**.028 orifice · Dual, 30 degree**



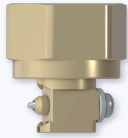
Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



LESS COMMON ANGLES AND ORIFICE PATTERNS

## Right Angle Nozzles: Dual 90/60

Nozzle Identification and Ordering Guide

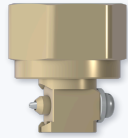


### HMS-N-165783

Replaces Nordson  
165783

Also 1048113  
Graco 130400

**.012 orifice • right  
angle Dual 90/60°**

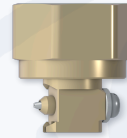


### HMS-N-710591

Replaces Nordson  
710591

Graco 130403

**.014 orifice • right  
angle Dual 90/60°**

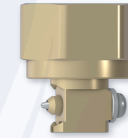


### HMS-N-809882

Replaces Nordson  
809882

Graco 130404

**.016 orifice • right  
angle Dual 90/60°**

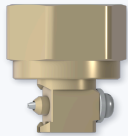


### HMS-N-165784

Replaces Nordson  
165784

Graco 130401

**.020 orifice • right  
angle Dual 90/60°**



### HMS-N-165785

Replaces Nordson  
165785

Graco 130402

**.028 orifice • right  
angle Dual 90/60°**



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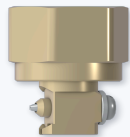


THREE ORIFICES, 19 OR 22.5 DEGREES APART

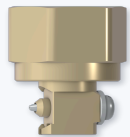
# Right Angle Nozzles: Triple

Nozzle Identification and Ordering Guide

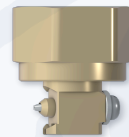
## Triple 19 degree



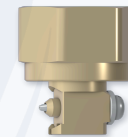
**HMS-N-142898**  
Replaces Nordson  
142898  
Graco 130300  
.010 orifice • right  
angle Triple 19°



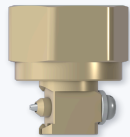
**HMS-N-165786**  
Replaces Nordson  
165786  
Graco 130301  
.012 orifice • right  
angle Triple 19°



**HMS-N-165787**  
Replaces Nordson  
165787  
Graco 130302  
.014 orifice • right  
angle Triple 19°



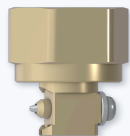
**HMS-N-806540**  
Replaces Nordson  
806540  
Graco 130303  
.016 orifice • right  
angle Triple 19°



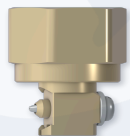
**HMS-N-808625**  
Replaces Nordson  
808625  
Graco 130304  
.020 orifice • right  
angle Triple 19°



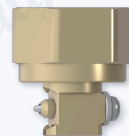
## Triple 22.5 degree



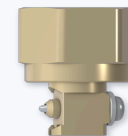
**HMS-N-165788**  
Replaces Nordson  
165788  
Graco 130305  
.012 orifice • right  
angle Triple 22.5°



**HMS-N-806199**  
Replaces Nordson  
806199  
Graco 130308  
.014 orifice • right  
angle Triple 22.5°



**HMS-N-165789**  
Replaces Nordson  
165789  
Graco 130306  
.016 orifice • right  
angle Triple 22.5°



**HMS-N-165790**  
Replaces Nordson  
165790  
Graco 130307  
.020 orifice • right  
angle Triple 22.5°

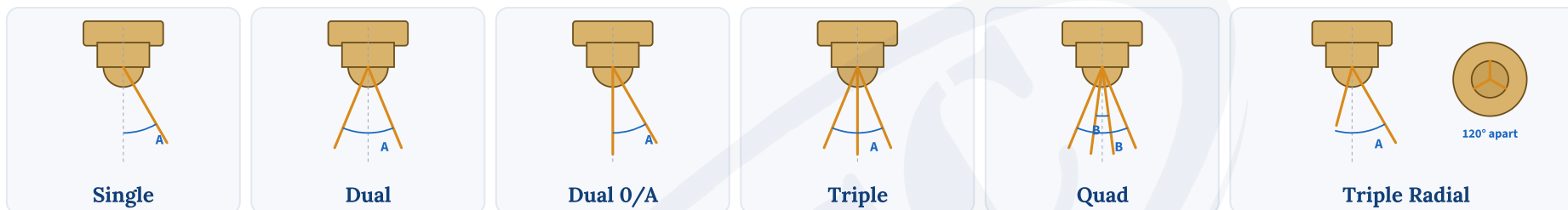




HOW THE ANGLE IS MEASURED, AND EVERY SIZE

## Button (Domed) Nozzle Patterns

Nozzle Identification and Ordering Guide



| Pattern / orifice (in.) | .008   | .010   | .012   | .014   | .016   | .018   | .020   | .024   | .030   |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Single 15°              |        | 703299 | 706078 |        | 238015 | 704891 | 702927 |        | 238016 |
| Single 30°              |        | 704542 | 714977 |        | 238017 |        | 238018 | 804520 | 238019 |
| Single 45°              |        | 703464 | 705512 | 702598 | 238020 | 707218 | 238021 |        | 238022 |
| Single 60°              |        |        | 706057 |        | 238023 |        | 238024 |        | 238025 |
| Dual 15°                |        | 238059 | 238053 | 238063 | 238054 | 130495 | 238055 |        | 238056 |
| Dual 20°                |        | 238060 | 238062 | 715190 | 114927 | 238067 |        |        |        |
| Dual 30°                | 804871 | 703270 | 238506 | 704936 | 114928 | 805512 | 238500 | 238026 | 238501 |
| Dual 45°                | 238534 | 238525 | 238526 | 238527 | 238528 | 238529 | 238530 | 238027 | 238531 |
| Dual 60°                |        | 238061 | 709371 | 238064 | 238028 | 238068 | 238029 |        | 238030 |
| Dual 0/15°              |        |        | 805397 | 715462 | 238031 |        | 238032 |        | 238033 |
| Dual 0/45°              |        | 119360 | 804761 | 132567 | 238034 | 715872 | 238035 |        | 238036 |
| Triple 30°              |        |        | 238037 | 238065 | 238038 | 238069 | 238039 | 238071 | 238040 |
| Triple 45°              |        |        | 238041 | 238066 | 238042 | 238070 | 238510 | 238072 |        |
| Triple 60°              |        |        | 238043 | 807506 | 238044 | 708028 | 238045 |        | 238046 |
| Triple Radial 30°       | 805257 |        | 238047 |        | 238048 |        | 238049 |        | 238050 |
| Quad 40°                |        | 709479 | 714855 | 714856 | 808696 |        | 238051 |        | 238052 |

**703299** stocked by HMSC, part HMS-N- plus the Nordson number (click to open) **715190** made to order, call 1-888-202-1788

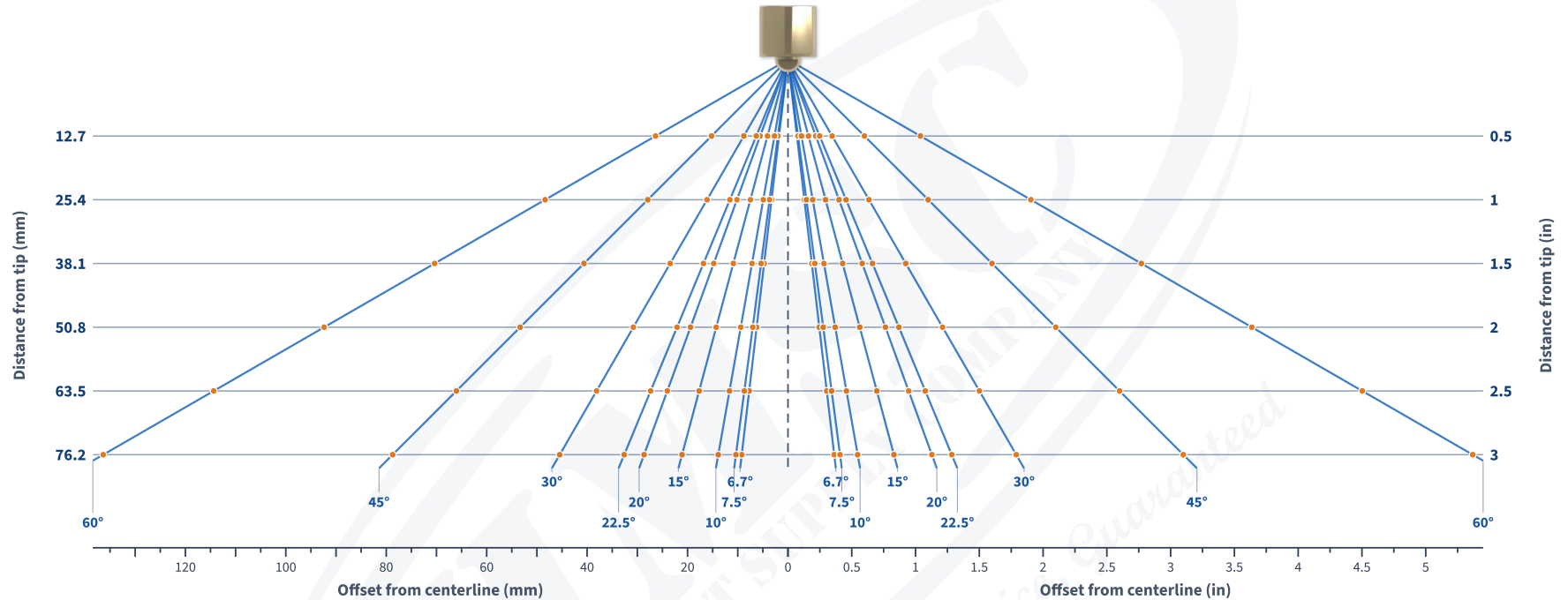
Chart layout and Nordson part numbers are shown for identification reference and are the property of Nordson Corporation. A and B = angle between orifices, or from the centerline where shown. Hot Melt Supply Company is not affiliated with Nordson Corporation.



PRODUCT UP TO 3 IN FROM THE TIP

# Button Nozzle Bead Position

Nozzle Identification and Ordering Guide



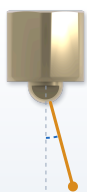
| Stream | Patterns                                 | 0.5 in 12.7 mm   | 1 in 25.4 mm     | 1.5 in 38.1 mm   | 2 in 50.8 mm     | 2.5 in 63.5 mm    | 3 in 76.2 mm      |
|--------|------------------------------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| 6.7°   | Quad 40                                  | <b>0.07</b> 1.8  | <b>0.13</b> 3.3  | <b>0.19</b> 4.8  | <b>0.25</b> 6.2  | <b>0.30</b> 7.7   | <b>0.36</b> 9.2   |
| 7.5°   | Dual 15                                  | <b>0.08</b> 2.0  | <b>0.14</b> 3.7  | <b>0.21</b> 5.3  | <b>0.28</b> 7.0  | <b>0.34</b> 8.7   | <b>0.41</b> 10.4  |
| 10°    | Dual 20                                  | <b>0.11</b> 2.7  | <b>0.19</b> 4.9  | <b>0.28</b> 7.2  | <b>0.37</b> 9.4  | <b>0.46</b> 11.6  | <b>0.55</b> 13.9  |
| 15°    | Single 15, Dual 30, Dual 0/15, Triple 30 | <b>0.16</b> 4.1  | <b>0.29</b> 7.5  | <b>0.43</b> 10.9 | <b>0.56</b> 14.3 | <b>0.70</b> 17.7  | <b>0.83</b> 21.1  |
| 20°    | Quad 40                                  | <b>0.22</b> 5.5  | <b>0.40</b> 10.2 | <b>0.58</b> 14.8 | <b>0.76</b> 19.4 | <b>0.95</b> 24.0  | <b>1.13</b> 28.7  |
| 22.5°  | Dual 45, Triple 45                       | <b>0.25</b> 6.3  | <b>0.46</b> 11.6 | <b>0.66</b> 16.8 | <b>0.87</b> 22.1 | <b>1.08</b> 27.3  | <b>1.28</b> 32.6  |
| 30°    | Single 30, Dual 60, Triple 60            | <b>0.35</b> 8.8  | <b>0.63</b> 16.1 | <b>0.92</b> 23.5 | <b>1.21</b> 30.8 | <b>1.50</b> 38.1  | <b>1.79</b> 45.5  |
| 45°    | Single 45, Dual 0/45                     | <b>0.60</b> 15.2 | <b>1.10</b> 27.9 | <b>1.60</b> 40.6 | <b>2.10</b> 53.3 | <b>2.60</b> 66.0  | <b>3.10</b> 78.7  |
| 60°    | Single 60                                | <b>1.04</b> 26.4 | <b>1.90</b> 48.4 | <b>2.77</b> 70.4 | <b>3.64</b> 92.4 | <b>4.50</b> 114.4 | <b>5.37</b> 136.4 |

Offset from the nozzle centerline, inches in bold, millimeters in gray. Approximate: pressure, temperature, viscosity and line speed move the bead.





# Button Nozzles

**HMS-N-703299**

Replaces Nordson 703299  
**Single 15° · .010 orifice**  
1 orifice, 15 degrees off center

**HMS-N-706078**

Replaces Nordson 706078  
*Graco 130819*  
**Single 15° · .012 orifice**  
1 orifice, 15 degrees off center

**HMS-N-238015**

Replaces Nordson 238015  
*Graco 130800*  
**Single 15° · .016 orifice**  
1 orifice, 15 degrees off center

**HMS-N-704891**

Replaces Nordson 704891  
*Graco 130816*  
**Single 15° · .018 orifice**  
1 orifice, 15 degrees off center

**HMS-N-702927**

Replaces Nordson 702927  
*Graco 130812*  
**Single 15° · .020 orifice**  
1 orifice, 15 degrees off center

**HMS-N-238016**

Replaces Nordson 238016  
*Graco 130801*  
**Single 15° · .030 orifice**  
1 orifice, 15 degrees off center

**HMS-N-704542**

Replaces Nordson 704542  
*Graco 130815*  
**Single 30° · .010 orifice**  
1 orifice, 30 degrees off center

**HMS-N-714977**

Replaces Nordson 714977  
*Graco 130821*  
**Single 30° · .012 orifice**  
1 orifice, 30 degrees off center

**HMS-N-238017**

Replaces Nordson 238017  
*Graco 130802*  
**Single 30° · .016 orifice**  
1 orifice, 30 degrees off center

**HMS-N-238018**

Replaces Nordson 238018  
*Graco 130803*  
**Single 30° · .020 orifice**  
1 orifice, 30 degrees off center

**HMS-N-804520**

Replaces Nordson 804520  
*Graco 130822*  
**Single 30° · .024 orifice**  
1 orifice, 30 degrees off center

**HMS-N-238019**

Replaces Nordson 238019  
*Graco 130804*  
**Single 30° · .030 orifice**  
1 orifice, 30 degrees off center

**HMS-N-703464**

Replaces Nordson 703464  
*Graco 130814*  
**Single 45° · .010 orifice**  
1 orifice, 45 degrees off center

**HMS-N-705512**

Replaces Nordson 705512  
*Graco 130817*  
**Single 45° · .012 orifice**  
1 orifice, 45 degrees off center

**HMS-N-702598**

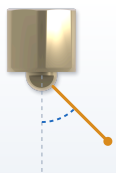
Replaces Nordson 702598  
*Graco 130811*  
**Single 45° · .014 orifice**  
1 orifice, 45 degrees off center



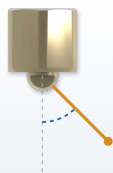
Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



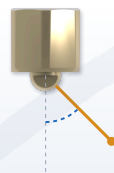
# Button Nozzles

**HMS-N-238020**

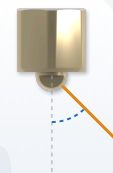
Replaces Nordson 238020  
Graco 130805  
**Single 45° · .016 orifice**  
1 orifice, 45 degrees off center

**HMS-N-707218**

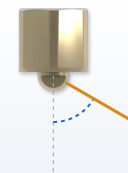
Replaces Nordson 707218  
Graco 130820  
**Single 45° · .018 orifice**  
1 orifice, 45 degrees off center

**HMS-N-238021**

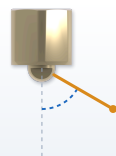
Replaces Nordson 238021  
Graco 130806  
**Single 45° · .020 orifice**  
1 orifice, 45 degrees off center

**HMS-N-238022**

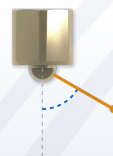
Replaces Nordson 238022  
Graco 130807  
**Single 45° · .030 orifice**  
1 orifice, 45 degrees off center

**HMS-N-706057**

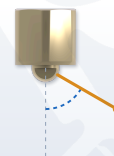
Replaces Nordson 706057  
Graco 130818  
**Single 60° · .012 orifice**  
1 orifice, 60 degrees off center

**HMS-N-238023**

Replaces Nordson 238023  
Valco 972xx505  
Graco 130808  
**Single 60° · .016 orifice**  
1 orifice, 60 degrees off center

**HMS-N-238024**

Replaces Nordson 238024  
Valco 972xx507  
Graco 130809  
**Single 60° · .020 orifice**  
1 orifice, 60 degrees off center

**HMS-N-238025**

Replaces Nordson 238025  
Valco 972xx509  
Graco 130810  
**Single 60° · .030 orifice**  
1 orifice, 60 degrees off center

**HMS-N-238059**

Replaces Nordson 238059  
Graco 130512  
**Dual 15° · .010 orifice**  
2 orifices, 15 degrees apart

**HMS-N-238053**

Replaces Nordson 238053  
Valco 972xx103  
Graco 130508  
**Dual 15° · .012 orifice**  
2 orifices, 15 degrees apart

**HMS-N-238063**

Replaces Nordson 238063  
Valco 972xx104  
Graco 130516  
**Dual 15° · .014 orifice**  
2 orifices, 15 degrees apart

**HMS-N-238054**

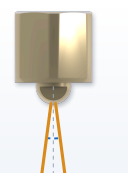
Replaces Nordson 238054  
Valco 972xx105  
Graco 130509  
**Dual 15° · .016 orifice**  
2 orifices, 15 degrees apart

**HMS-N-130495**

Replaces Nordson 130495  
Valco 972xx106  
**Dual 15° · .018 orifice**  
2 orifices, 15 degrees apart

**HMS-N-238055**

Replaces Nordson 238055  
Valco 972xx107  
Graco 130510  
**Dual 15° · .020 orifice**  
2 orifices, 15 degrees apart

**HMS-N-238056**

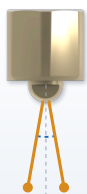
Replaces Nordson 238056  
Graco 130511  
**Dual 15° · .030 orifice**  
2 orifices, 15 degrees apart



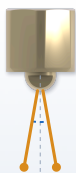
Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.



# Button Nozzles

**HMS-N-238060**

Replaces Nordson 238060  
Graco 130513  
**Dual 20° · .010 orifice**  
2 orifices, 20 degrees apart

**HMS-N-238062**

Replaces Nordson 238062  
Valco 972xx203  
Graco 130515  
**Dual 20° · .012 orifice**  
2 orifices, 20 degrees apart

**HMS-N-238067**

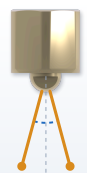
Replaces Nordson 238067  
Valco 972xx206  
Graco 130518  
**Dual 20° · .018 orifice**  
2 orifices, 20 degrees apart

**HMS-N-238506**

Replaces Nordson 238506  
Valco 972xx303  
Graco 130522, 130531  
**Dual 30° · .012 orifice**  
2 orifices, 30 degrees apart

**HMS-N-114928**

Replaces Nordson 114928  
Graco 130501  
**Dual 30° · .016 orifice**  
2 orifices, 30 degrees apart

**HMS-N-238500**

Replaces Nordson 238500  
Valco 972xx307  
Graco 130520  
**Dual 30° · .020 orifice**  
2 orifices, 30 degrees apart

**HMS-N-238026**

Replaces Nordson 238026  
Graco 130503  
**Dual 30° · .024 orifice**  
2 orifices, 30 degrees apart

**HMS-N-238501**

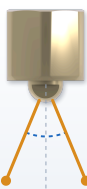
Replaces Nordson 238501  
Valco 972xx310  
Graco 130521  
**Dual 30° · .030 orifice**  
2 orifices, 30 degrees apart

**HMS-N-238526**

Replaces Nordson 238526  
Valco 972xx403  
**Dual 45° · .012 orifice**  
2 orifices, 45 degrees apart

**HMS-N-238528**

Replaces Nordson 238528  
Valco 972xx405  
**Dual 45° · .016 orifice**  
2 orifices, 45 degrees apart

**HMS-N-238027**

Replaces Nordson 238027  
Graco 130504  
**Dual 45° · .024 orifice**  
2 orifices, 45 degrees apart

**HMS-N-238061**

Replaces Nordson 238061  
Graco 130514  
**Dual 60° · .010 orifice**  
2 orifices, 60 degrees apart

**HMS-N-238064**

Replaces Nordson 238064  
Graco 130517  
**Dual 60° · .014 orifice**  
2 orifices, 60 degrees apart

**HMS-N-238028**

Replaces Nordson 238028  
Graco 130505  
**Dual 60° · .016 orifice**  
2 orifices, 60 degrees apart

**HMS-N-238068**

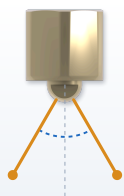
Replaces Nordson 238068  
Graco 130519  
**Dual 60° · .018 orifice**  
2 orifices, 60 degrees apart



Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.

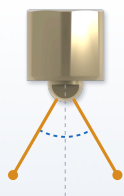


# Button Nozzles

**HMS-N-238029**

Replaces Nordson 238029  
Graco 130506

**Dual 60° · .020 orifice**  
2 orifices, 60 degrees apart

**HMS-N-238030**

Replaces Nordson 238030  
Graco 130507

**Dual 60° · .030 orifice**  
2 orifices, 60 degrees apart

**HMS-N-805397**

Replaces Nordson 805397  
Graco 130911

**Dual 0/15° · .012 orifice**  
2 orifices, one on center,  
one 15 degrees off center

**HMS-N-715462**

Replaces Nordson 715462  
Graco 130908

**Dual 0/15° · .014 orifice**  
2 orifices, one on center,  
one 15 degrees off center

**HMS-N-238031**

Replaces Nordson 238031  
Graco 130902

**Dual 0/15° · .016 orifice**  
2 orifices, one on center,  
one 15 degrees off center

**HMS-N-238032**

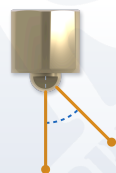
Replaces Nordson 238032  
Graco 130903

**Dual 0/15° · .020 orifice**  
2 orifices, one on center,  
one 15 degrees off center

**HMS-N-238033**

Replaces Nordson 238033  
Graco 130904

**Dual 0/15° · .030 orifice**  
2 orifices, one on center,  
one 15 degrees off center

**HMS-N-119360**

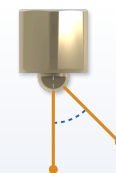
Replaces Nordson 119360  
Graco 130900

**Dual 0/45° · .010 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-804761**

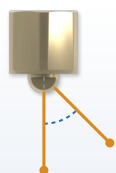
Replaces Nordson 804761  
Graco 130910

**Dual 0/45° · .012 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-132567**

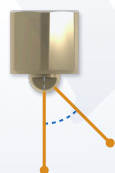
Replaces Nordson 132567  
Graco 130901

**Dual 0/45° · .014 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-238034**

Replaces Nordson 238034  
Graco 130905

**Dual 0/45° · .016 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-715872**

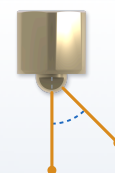
Replaces Nordson 715872  
Graco 130909

**Dual 0/45° · .018 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-238035**

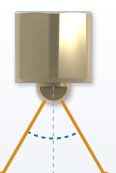
Replaces Nordson 238035  
Graco 130906

**Dual 0/45° · .020 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-238036**

Replaces Nordson 238036  
Graco 130907

**Dual 0/45° · .030 orifice**  
2 orifices, one on center,  
one 45 degrees off center

**HMS-N-238524**

Replaces Nordson 238524  
Graco 130702

**Dual 60° · .016 orifice**  
2 orifices, 60 degrees apart



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# Button Nozzles

**HMS-N-238037**

Replaces Nordson 238037  
Valco 972xx603  
Graco 130605

**Triple 30° · .012 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238065**

Replaces Nordson 238065  
Valco 972xx604

**Triple 30° · .014 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238038**

Replaces Nordson 238038  
Valco 972xx605  
Graco 130606

**Triple 30° · .016 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238039**

Replaces Nordson 238039  
Valco 972xx607  
Graco 130607

**Triple 30° · .020 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238071**

Replaces Nordson 238071  
Valco 972xx608  
Graco 130608

**Triple 30° · .024 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238040**

Replaces Nordson 238040  
Valco 972xx609  
Graco 130600

**Triple 30° · .030 orifice**  
3 orifices, 30 degrees across  
(center and ±15)

**HMS-N-238041**

Replaces Nordson 238041  
Graco 130601

**Triple 45° · .012 orifice**  
3 orifices, 45 degrees across  
(center and ±22.5)

**HMS-N-238042**

Replaces Nordson 238042  
Graco 130608

**Triple 45° · .016 orifice**  
3 orifices, 45 degrees across  
(center and ±22.5)

**HMS-N-238072**

Replaces Nordson 238072  
Graco 130604

**Triple 45° · .024 orifice**  
3 orifices, 45 degrees across  
(center and ±22.5)

**HMS-N-238043**

Replaces Nordson 238043  
Valco 972xx703  
Graco 130609

**Triple 60° · .012 orifice**  
3 orifices, 60 degrees across  
(center and ±30)

**HMS-N-238044**

Replaces Nordson 238044  
Valco 972xx705  
Graco 130610

**Triple 60° · .016 orifice**  
3 orifices, 60 degrees across  
(center and ±30)

**HMS-N-238045**

Replaces Nordson 238045  
Valco 972xx707  
Graco 130611

**Triple 60° · .020 orifice**  
3 orifices, 60 degrees across  
(center and ±30)

**HMS-N-238046**

Replaces Nordson 238046  
Valco 972xx709  
Graco 130602

**Triple 60° · .030 orifice**  
3 orifices, 60 degrees across  
(center and ±30)

**HMS-N-709479**

Replaces Nordson 709479  
Valco 973xx002  
Graco 130703

**Quad 40° · .010 orifice**  
4 orifices, 40 degrees across

**HMS-N-714855**

Replaces Nordson 714855  
Valco 973xx003  
Graco 130704

**Quad 40° · .012 orifice**  
4 orifices, 40 degrees across

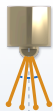


Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.





## Button Nozzles



### HMS-N-714856

Replaces Nordson 714856

Valco 973xx004

Graco 130705

**Quad 40° · .014 orifice**

4 orifices, 40 degrees across



### HMS-N-808696

Replaces Nordson 808696

Valco 973xx005

Graco 130706

**Quad 40° · .016 orifice**

4 orifices, 40 degrees across



### HMS-N-238051

Replaces Nordson 238051

Valco 973xx007

Graco 130700

**Quad 40° · .020 orifice**

4 orifices, 40 degrees across



### HMS-N-238052

Replaces Nordson 238052

Graco 130701

**Quad 40° · .030 orifice**

4 orifices, 40 degrees across



### Didn't find what you're looking for?

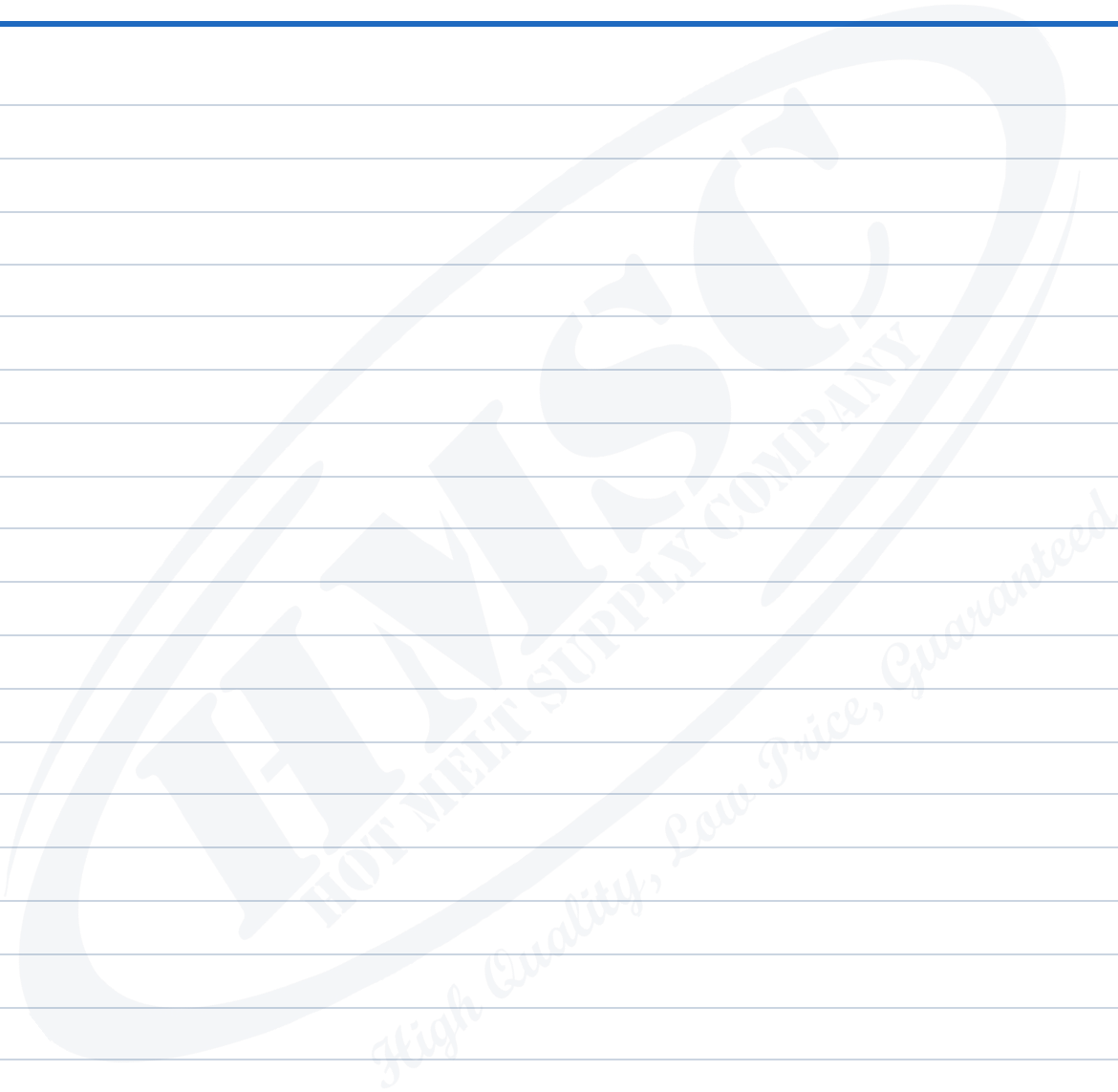
We make many more nozzles than we can list here. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com) with the Nordson part number, orifice size and angle, or search [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).

Scan a QR code or click a part to open its page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Orifice sizes in inches. Graco numbers are InvisiPac nozzles of the same geometry; Graco and InvisiPac are trademarks of Graco Inc., not affiliated with Hot Melt Supply Company.





# Notes



## CHAPTER 2

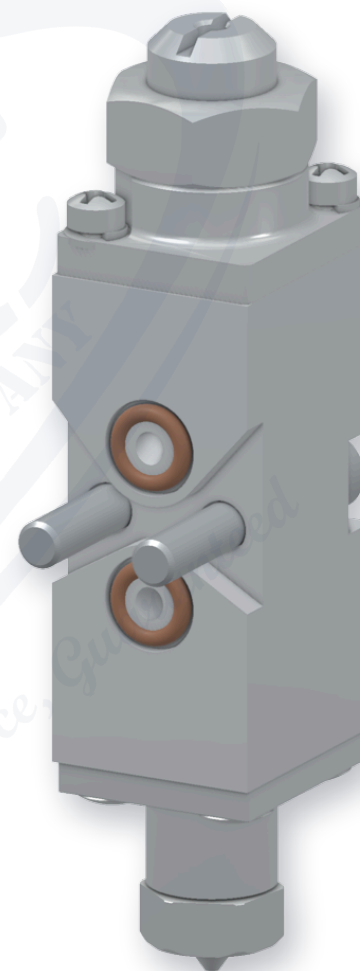
# Modules

## Module Identification and Ordering Guide

H200 and mini ball and seat and NC modules. Air type, needle style, filtered upgrades and the HMSC module that replaces each Nordson number.

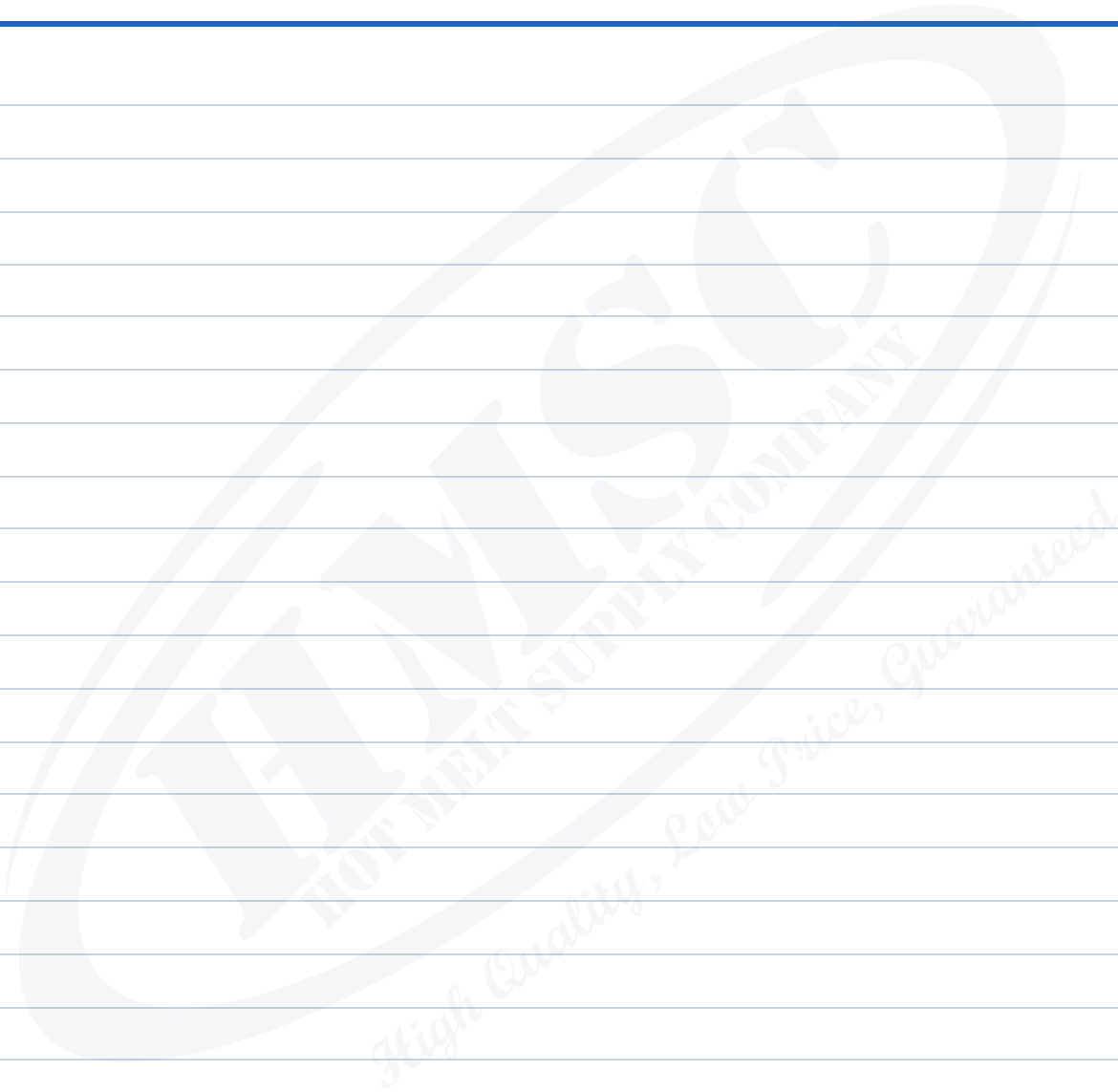
Revision 10/2026

|                                           |      |
|-------------------------------------------|------|
| Module Identification and Ordering Guide  | 2-1  |
| Check 1: Air Type (H200)                  | 2-2  |
| Check 2: Needle Style                     | 2-3  |
| Quick Reference                           | 2-4  |
| Air Pressure and Module Testing           | 2-5  |
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| H200 Standard Modules                     | 2-7  |
| H200 NC <sup>2</sup> AOSC Module Features | 2-8  |
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| H200 NC <sup>2</sup> Modules: AOAC        | 2-11 |
| Mini Ball and Seat and NC Module Features | 2-12 |
| Mini Ball and Seat and NC Modules         | 2-13 |





# Notes





# Module Identification and Ordering Guide

Module Identification and Ordering Guide

Nordson H200 and MiniBlue modules look alike from the outside. Two checks tell you which one you have, so you can order the right replacement module, rebuild kit and nozzle.

## 1 Air type

Remove the module and count the ports on the back (the face that mounts to the gun).

**3 ports** = Air Open Air Closed (AOAC)

**2 ports** = Air Open Spring Closed (AOSC)

*H200 only. All MiniBlue modules are AOAC (Air Open Air Closed).*

## 2 Needle style

With the system cooled and pressure relieved, remove the nozzle and look at the tip.

**Needle point sticks out** = NC<sup>2</sup> (H200) or NC (MiniBlue)

**No needle visible** = Standard (ball and seat)

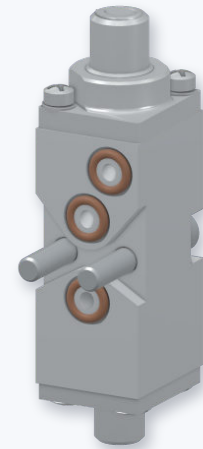
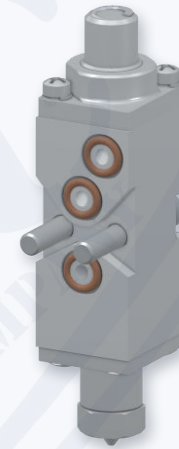
*Applies to both H200 and MiniBlue.*

**Safety.** Modules run at melt temperature and hold hydraulic and air pressure. Before removing a module or nozzle, relieve system pressure, shut off air to the gun and use heat resistant gloves and eye protection.

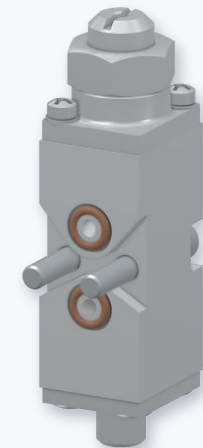
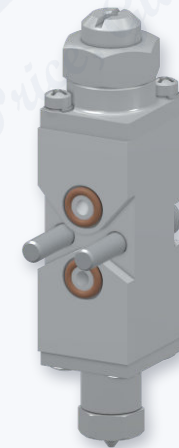
**AOAC**  
3 ports

**NC<sup>2</sup>**

**Standard (ball and seat)**



**AOSC**  
2 ports



H200 modules shown from the back (mounting face). Every H200 module is one of these four.

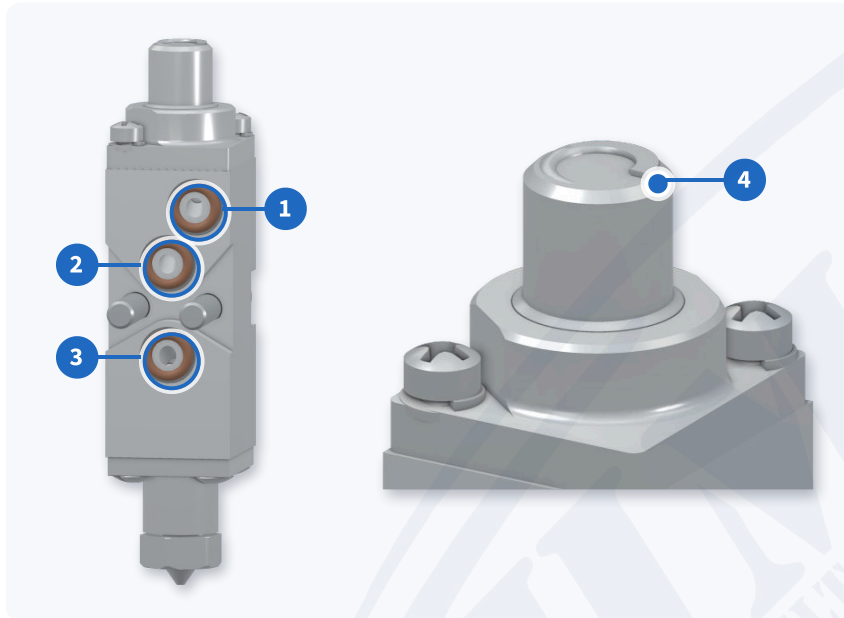


COUNT THE PORTS ON THE BACK

## Check 1: Air Type (H200)

Module Identification and Ordering Guide

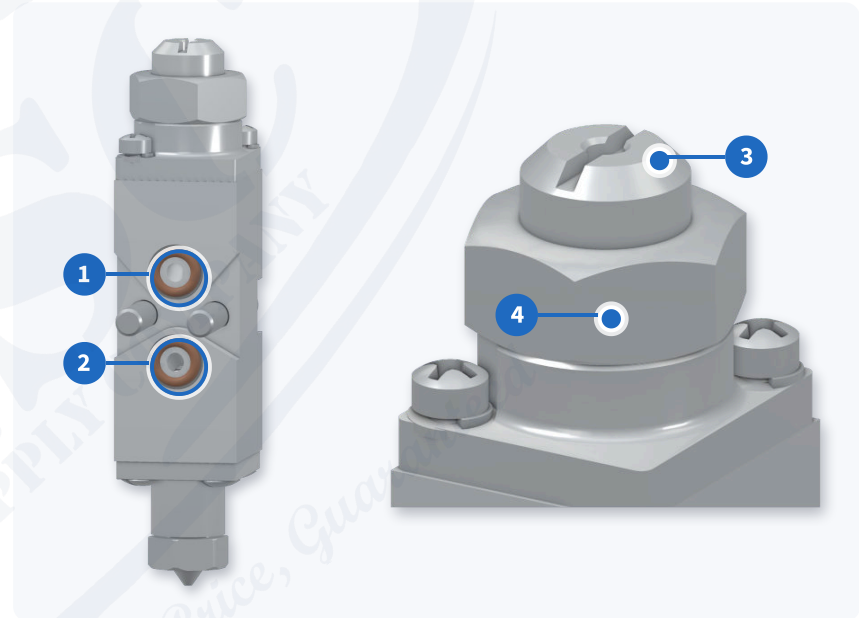
### AOAC Air Open Air Closed



- 1 **Air close port.** The third port. Only AOAC modules have it.
- 2 **Air open port.**
- 3 **Hot melt port.**
- 4 **Fixed air cap.** Smooth top, no adjusting screw and no lock nut.

Air opens the module and air closes it. No spring adjustment.

### AOSC Air Open Spring Closed



- 1 **Air open port.**
- 2 **Hot melt port.** Only two ports, no air close port.
- 3 **Adjustable air cap.** Slotted adjusting screw on top.
- 4 **Lock nut** holds the adjustment.

Air opens the module and a spring closes it. The adjusting screw sets spring force.

**Quick tell with the module still installed:** a hex lock nut and slotted screw on top of the module means AOSC. A plain round cap means AOAC. Confirm by counting the ports on the back when the module is off.



REMOVE THE NOZZLE AND LOOK AT THE TIP

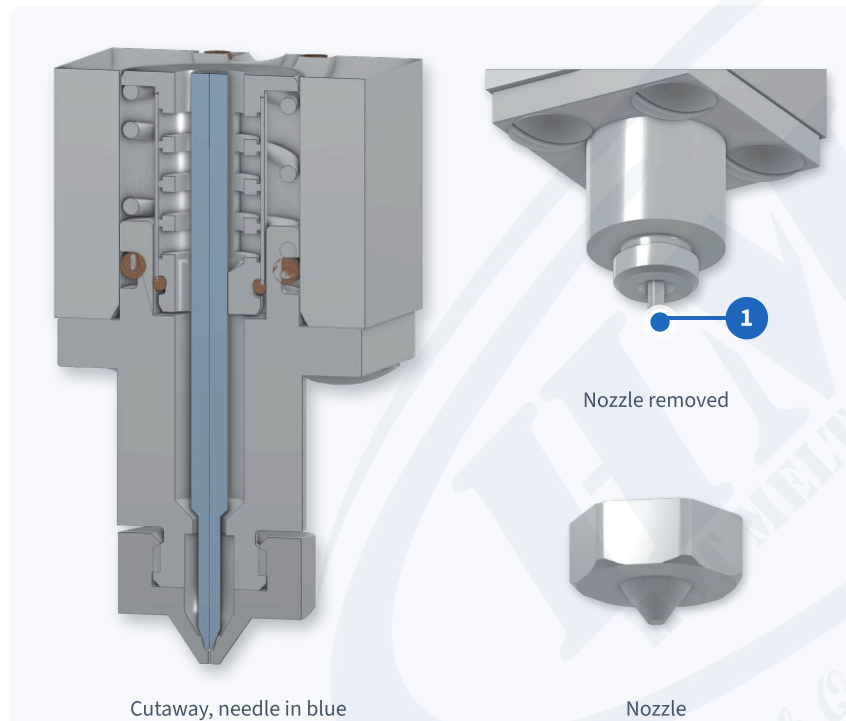
## Check 2: Needle Style

Module Identification and Ordering Guide

**Before you remove a nozzle:** relieve hydraulic pressure, shut off air to the gun, and wear heat resistant gloves and eye protection. Remove nozzles only as the equipment manual directs.

NC<sup>2</sup> /  
NC

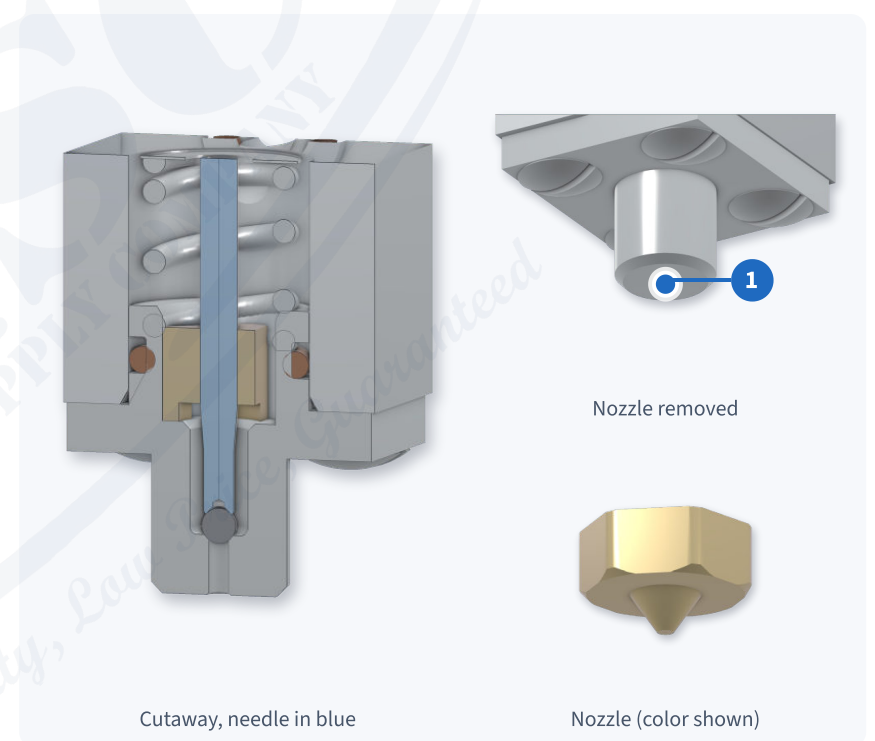
Needle closes at the orifice. NC<sup>2</sup> on H200, NC on mini modules



**1 Sharp needle point sticks out** past the end of the module once the nozzle is off.

- Needle is pointed and seals inside the nozzle, close to the orifice.
- Nozzles are **stainless steel** (silver color).

Standard Ball and seat



**1 No needle visible.** You see only the seat face and its small outlet hole.

- A carbide ball on the needle closes against a seat inside the module.
- Nozzles are **brass** (yellow color).





# Quick Reference

## H200 modules

| What to check     | AOAC<br>Air Open Air Closed       | AOSC<br>Air Open Spring Closed         |
|-------------------|-----------------------------------|----------------------------------------|
| Ports on the back | 3 (hot melt, air open, air close) | 2 (hot melt, air open)                 |
| Air cap           | Fixed, plain round top            | Adjustable, slotted screw and lock nut |
| How it closes     | Air                               | Spring                                 |

| What to check   | NC <sup>2</sup>               | Standard (ball and seat) |
|-----------------|-------------------------------|--------------------------|
| Nozzle removed  | Sharp needle point sticks out | No needle visible        |
| Nozzle material | Stainless steel (silver)      | Brass (yellow)           |
| Shut off        | Needle point at the orifice   | Carbide ball on a seat   |

An H200 module is one of four types: **AOAC NC<sup>2</sup>**, **AOAC Standard**, **AOSC NC<sup>2</sup>** or **AOSC Standard**.

## Mini modules

**All mini modules are AOAC (Air Open Air Closed).** There is no AOSC mini module, so skip Check 1.

Use Check 2 to tell the two types apart. The signs are the same as on the H200:

- **NC:** needle point sticks out with the nozzle off, stainless steel nozzles.
- **Standard (ball and seat):** no needle visible with the nozzle off, brass nozzles.

A mini module is one of two types: **AOAC NC** or **AOAC Standard**.

## When you call or order

- Module family: H200 or mini
- Air type: AOAC or AOSC
- Needle style: NC<sup>2</sup> (H200), NC (mini) or Standard
- Nozzle orifice size, if replacing nozzles
- Gun model and number of modules



SET UP AND QUALITY

# Air Pressure and Module Testing

Module Identification and Ordering Guide

## Minimum applicator air pressure

| To operate at this hydraulic pressure | Minimum applicator air pressure |
|---------------------------------------|---------------------------------|
| 550 to 1,300 psi<br>(38 to 90 bar)*   | 55 psi (3.8 bar)*               |
| 400 to 1,300 psi<br>(28 to 90 bar)    | 65 psi (4.5 bar)                |
| 250 to 1,300 psi<br>(17 to 90 bar)    | 75 psi (5.2 bar)                |

*\*HMSC factory setting. 60 psi (4.1 bar) is the nominal standard solenoid air pressure.*

Set the applicator air at or above the minimum for your hydraulic pressure.  
Too little air pressure can keep the module from opening fully.

## How we build and test every module

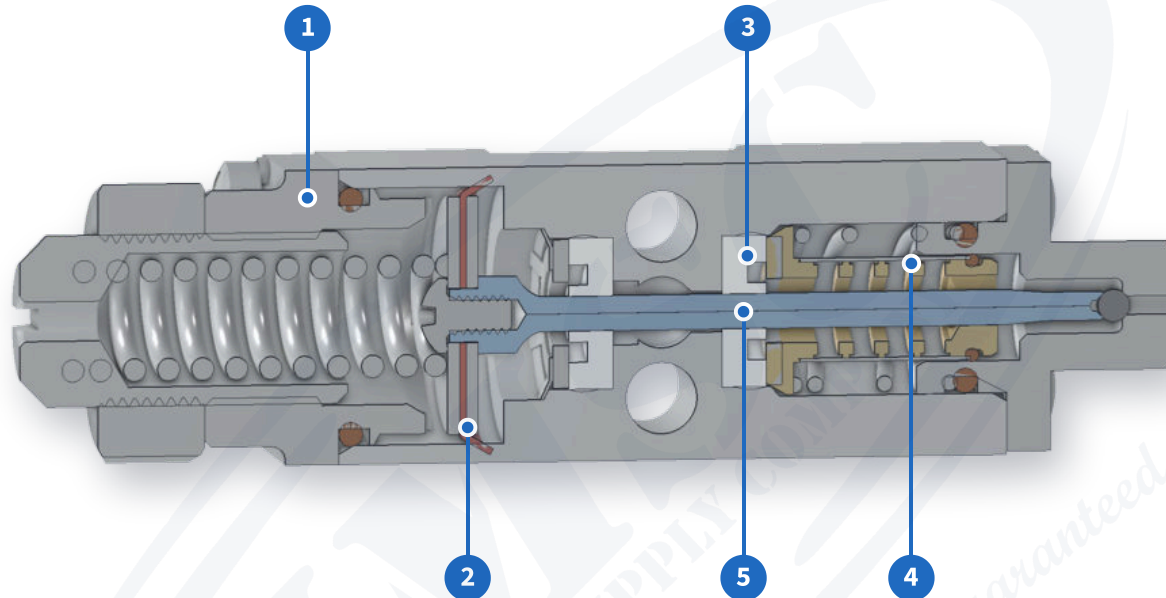
- 1 Precision machined**  
All machined components are made in an ISO 9001 certified machine shop and fully dimensionally inspected for the highest machining quality.
- 2 Hand assembled**  
Every module is assembled by hand, following our shop assembly procedure.
- 3 Opening pressure test**  
Once assembled, every module is tested to make sure it opens at the minimum opening pressure.
- 4 Functionality and flow test**  
Our proprietary testing process functionally tests each module to make sure it operates at high speed and fully opens and closes.
- 5 Complete seal test**  
The final stage of our testing uses a proprietary procedure to make sure the module seals completely when closed, so the parts we ship work as advertised when installed.



WHAT SETS OUR MODULES APART

## H200 Standard Module Features

Module Identification and Ordering Guide



Cutaway of the ball and seat (filtered) module T10F29B5S-F (AOSC, internal filter). Needle shown in blue.

- 1 Stroke limiting air cap**  
The air cap limits needle stroke. Less travel means less wear on the needle and seals.
- 2 Rulon air piston seals**  
The highest quality Rulon seals on the air piston.
- 3 PTFE spring seals**  
High quality spring loaded PTFE seals in every module.
- 4 Pressure reduction system**  
**Ball and seat (filtered) modules T10F29B5S-F100 (100 mesh) and F200 (200 mesh). The entry level T10F29B5S and T10F29B7S use the standard seal design.**  
Our proprietary brass internal filter lowers the pressure on the hydraulic seal.
- 5 NiOx coated needle**  
Coated for a smoother surface and longer life.

### In every module

#### Swiss CNC machined

Components are cut on Swiss CNC machines to the highest precision and finish possible.

#### Hand assembled and fluid tested

Each module is hand assembled and high pressure fluid tested before it ships, so it works as expected.

#### 100 / 200 mesh filtration

Our filters stop hundreds of nozzle clogs before they clog themselves. That means more uptime and fewer wasted boxes from clogged nozzles.



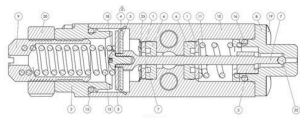
# H200 Standard Modules

Module Identification and Ordering Guide

Ball and seat • brass nozzles • no needle visible with the nozzle off



HIGH QUALITY REPLACEMENT  
GUN MODULE



## HMS-M-1052925

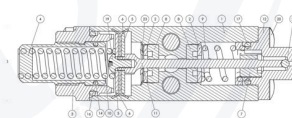
SKU T10F29B5S

Replaces Nordson 1052925

**AOSC (Air Open Spring Closed) • entry level**



HIGH QUALITY REPLACEMENT  
GUN MODULE

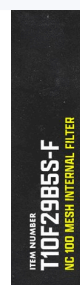


## HMS-M-1052927

SKU T10F29B7S

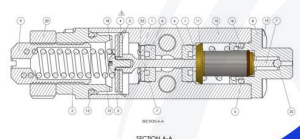
Replaces Nordson 1052927

**AOAC (Air Open Air Closed) • entry level**



LEGACY SERIES

Filtered



## T10F29B5S-F100

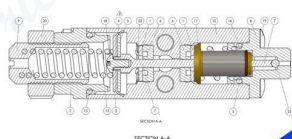
Replaces Nordson 1052925

**AOSC (Air Open Spring Closed) • ball and seat  
(filtered, 100 mesh)**



LEGACY SERIES

Filtered



## T10F29B5S-F200

Replaces Nordson 1052925

**AOSC (Air Open Spring Closed) • ball and seat  
(filtered, 200 mesh)**



### Filtered module upgrade

For tough applications, such as small orifices (.008 and .012) or right angle applications, we recommend our filtered modules. A 100 or 200 mesh filter sits just ahead of the nozzle and catches char and debris before it can plug the orifice. We have had a lot of success with this upgrade in the field. Filtered options: ball and seat (filtered) modules **T10F29B5S-F100** (100 mesh) and **T10F29B5S-F200** (200 mesh) for 1052925 AOSC modules.

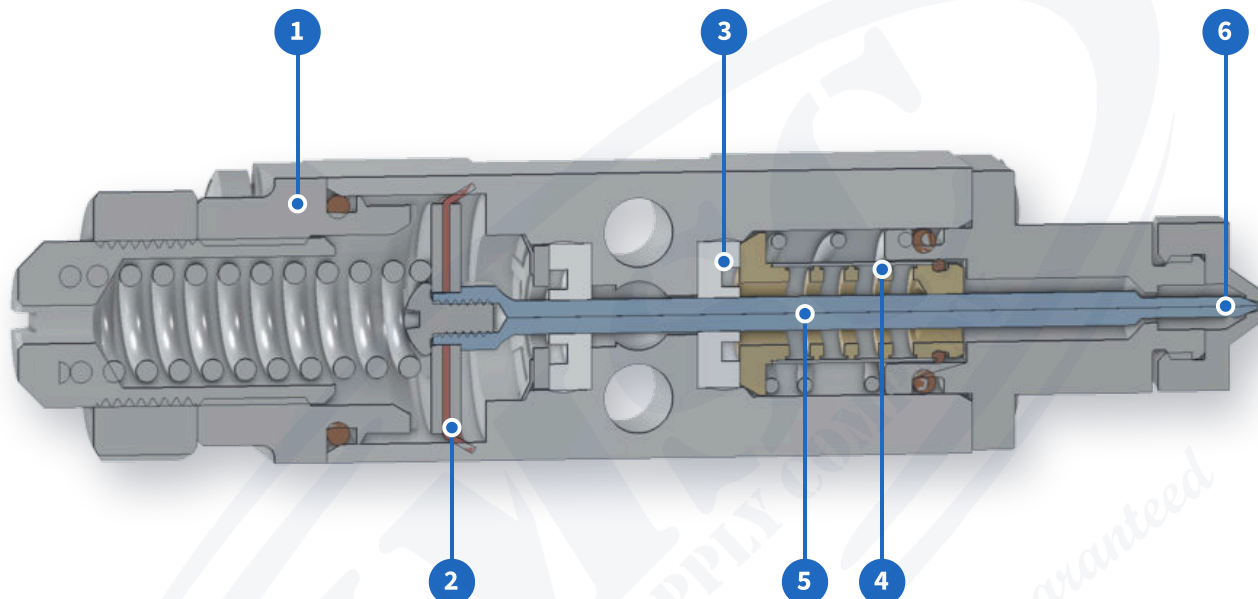
Photos from [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Scan a QR code or click a card to open that product page. Orifice sizes in inches.



WHAT SETS OUR MODULES APART

## H200 NC<sup>2</sup> AOSC Module Features

Module Identification and Ordering Guide



Cutaway of an H200 NC<sup>2</sup> AOSC module (Air Open Spring Closed). Needle shown in blue.

- 1 Stroke limiting air cap**  
The air cap limits needle stroke. Less travel means less wear on the needle and seals.
- 2 Rulon air piston seals**  
The highest quality Rulon seals on the air piston.
- 3 PTFE spring seals**  
High quality spring loaded PTFE seals in every module.
- 4 Pressure reduction system**  
Our proprietary brass internal filter lowers the pressure on the hydraulic seal.
- 5 NiOx coated needle**  
Coated for a smoother surface and longer life.
- 6 Needle and seat design**  
The needle and seat design reduces nozzle clogs and clears them as they occur.

### In every module

#### Swiss CNC machined

Components are cut on Swiss CNC machines to the highest precision and finish possible.

#### Hand assembled and fluid tested

Each module is hand assembled and high pressure fluid tested before it ships, so it works as expected.

#### 100 / 200 mesh filtration

Our filters stop hundreds of nozzle clogs before they clog themselves. That means more uptime and fewer wasted boxes from clogged nozzles.

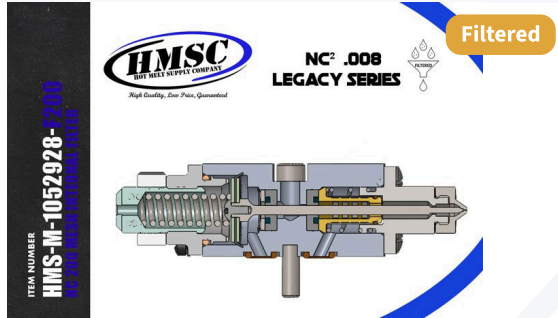




# H200 NC<sup>2</sup> Modules: AOSC

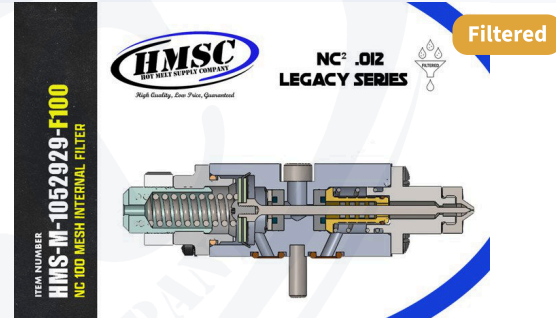
Module Identification and Ordering Guide

AOSC = Air Open Spring Closed • Legacy NC<sup>2</sup> • 2 ports on the back • needle point visible with the nozzle off



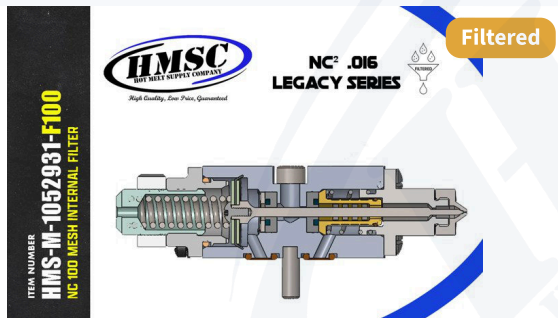
## HMS-M-1052928-F200

Replaces Nordson 1052928  
.008 • 200 mesh



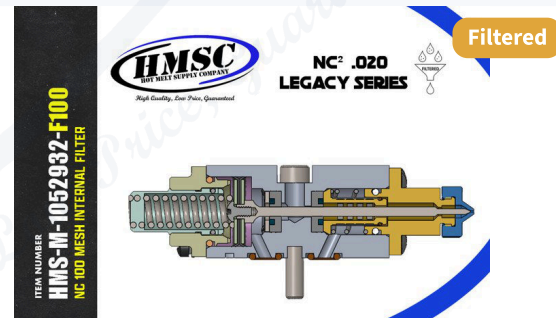
## HMS-M-1052929-F100

Replaces Nordson 1052929  
.012 • 100 mesh



## HMS-M-1052931-F100

Replaces Nordson 1052931  
.016 • 100 mesh



## HMS-M-1052932-F100

Replaces Nordson 1052932  
.020 • 100 mesh



### Filtered module upgrade

For tough applications, such as small orifices (.008 and .012) or right angle applications, we recommend our filtered modules. A 100 or 200 mesh filter sits just ahead of the nozzle and catches char and debris before it can plug the orifice. We have had a lot of success with this upgrade in the field. Every H200 NC<sup>2</sup> module on this page has the filter built in.

Photos from [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Scan a QR code or click a card to open that product page. Orifice sizes in inches.

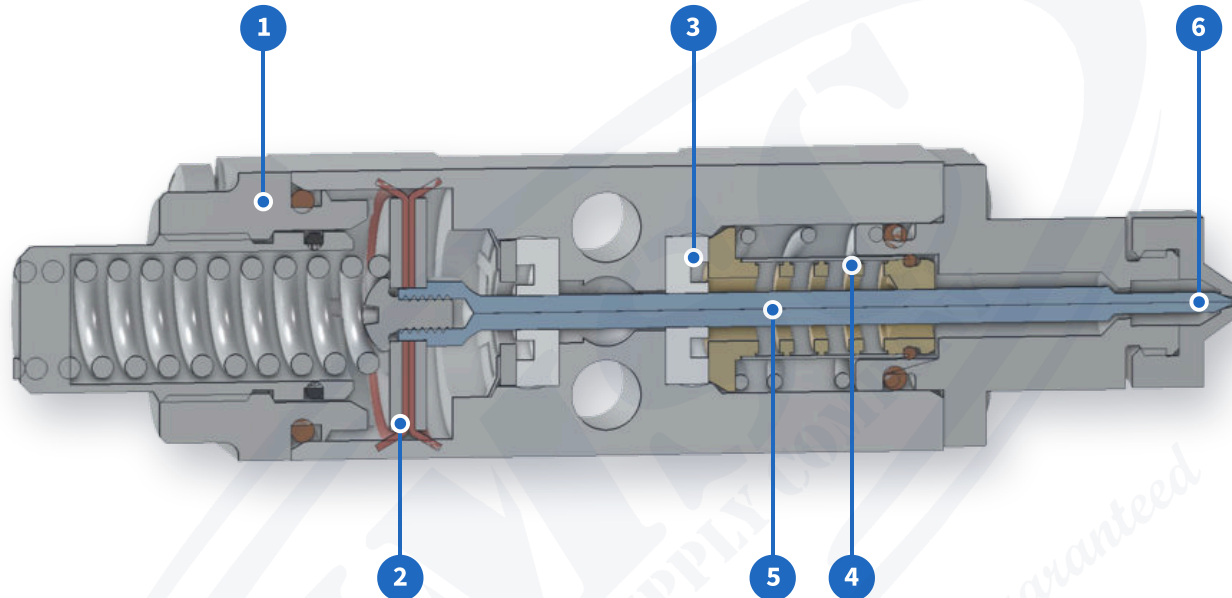




WHAT SETS OUR MODULES APART

## H200 NC<sup>2</sup> AOAC Module Features

Module Identification and Ordering Guide



Cutaway of an H200 NC<sup>2</sup> AOAC module (Air Open Air Closed). Needle shown in blue.

- 1 Stroke limiting air cap**  
The air cap limits needle stroke. Less travel means less wear on the needle and seals.
- 2 Rulon air piston seals**  
The highest quality Rulon seals on the air piston.
- 3 PTFE spring seals**  
High quality spring loaded PTFE seals in every module.
- 4 Pressure reduction system**  
Our proprietary brass internal filter lowers the pressure on the hydraulic seal.
- 5 NiOx coated needle**  
Coated for a smoother surface and longer life.
- 6 Needle and seat design**  
The needle and seat design reduces nozzle clogs and clears them as they occur.

### In every module

#### Swiss CNC machined

Components are cut on Swiss CNC machines to the highest precision and finish possible.

#### Hand assembled and fluid tested

Each module is hand assembled and high pressure fluid tested before it ships, so it works as expected.

#### 100 / 200 mesh filtration

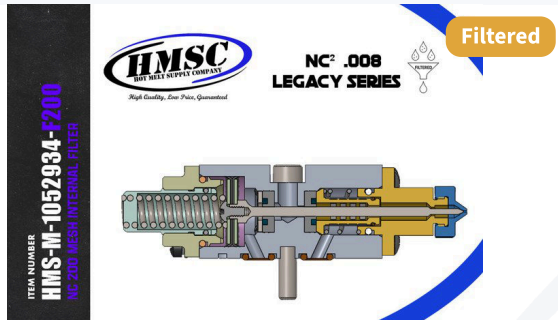
Our filters stop hundreds of nozzle clogs before they clog themselves. That means more uptime and fewer wasted boxes from clogged nozzles.



# H200 NC<sup>2</sup> Modules: AOAC

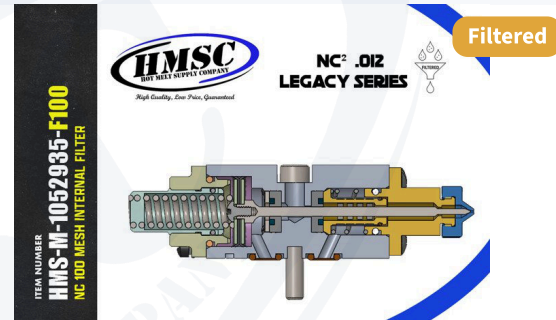
Module Identification and Ordering Guide

AOAC = Air Open Air Closed · Legacy NC<sup>2</sup> · 3 ports on the back · needle point visible with the nozzle off



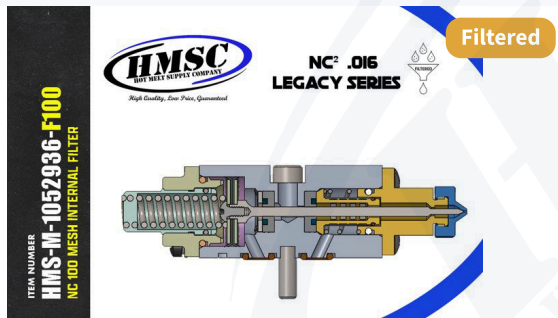
## HMS-M-1052934-F200

Replaces Nordson 1052934  
.008 · 200 mesh



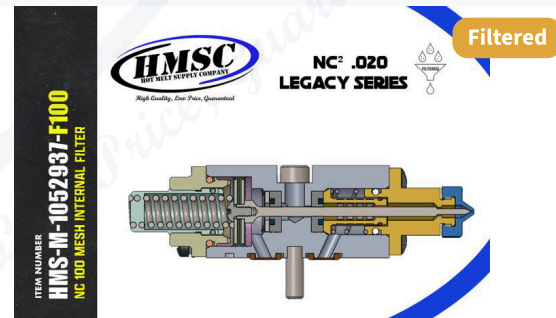
## HMS-M-1052935-F100

Replaces Nordson 1052935  
.012 · 100 mesh



## HMS-M-1052936-F100

Replaces Nordson 1052936  
.016 · 100 mesh



## HMS-M-1052937-F100

Replaces Nordson 1052937  
.020 · 100 mesh



### Filtered module upgrade

For tough applications, such as small orifices (.008 and .012) or right angle applications, we recommend our filtered modules. A 100 or 200 mesh filter sits just ahead of the nozzle and catches char and debris before it can plug the orifice. We have had a lot of success with this upgrade in the field. Every H200 NC<sup>2</sup> module on this page has the filter built in.

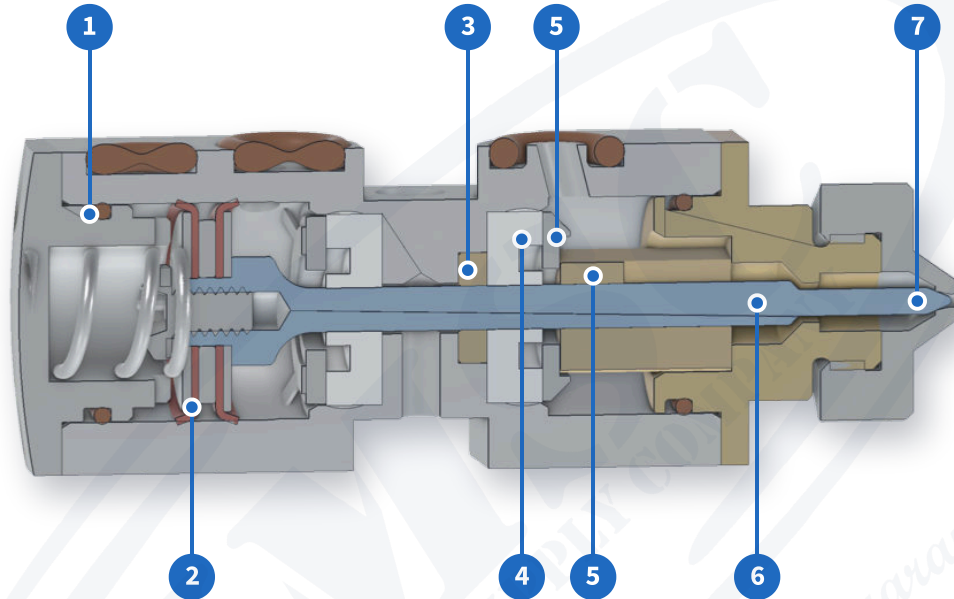
Photos from [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Scan a QR code or click a card to open that product page. Orifice sizes in inches.



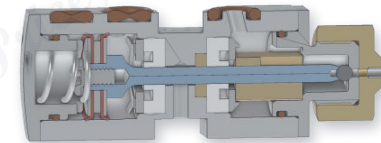
WHAT SETS OUR MODULES APART

# Mini Ball and Seat and NC Module Features

Module Identification and Ordering Guide



Mini NC, HMS-M-1121479 to 1121484. Needle shown in blue.



Standard (ball and seat), HMS-M-1095703: same features except the NC needle and seat. Both mini modules are AOAC (Air Open Air Closed).

- 1 Stroke limiting air cap**  
The air cap limits needle stroke. Less travel means less wear on the needle and seals.
- 2 Rulon air piston seals**  
The highest quality Rulon seals on the air piston.
- 3 Precision wiper**  
Sits after the hydraulic seal. If the seal ever fails, it limits contamination reaching the pneumatics.
- 4 PTFE spring seals**  
High quality spring loaded PTFE seals in every module.
- 5 Pressure reduction system**  
Our proprietary brass triangle spacer and precision washer lower the pressure on the hydraulic seal.
- 6 NiOx coated needle**  
Coated for a smoother surface and longer life.
- 7 Needle and seat design**  
The needle and seat design reduces nozzle clogs and clears them as they occur.

## In every module

### Swiss CNC machined

Components are cut on Swiss CNC machines to the highest precision and finish possible.

### Hand assembled and fluid tested

Each module is hand assembled and high pressure fluid tested before it ships, so it works as expected.



# Mini Ball and Seat and NC Modules

Module Identification and Ordering Guide

All mini modules are AOAC (Air Open Air Closed) · standard (ball and seat) or NC



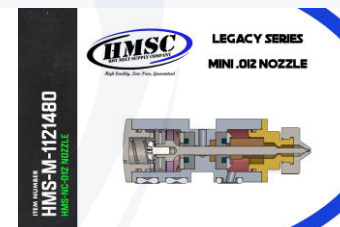
**HMS-M-1095703**

Replaces Nordson 1095703  
Standard (ball and seat)



**HMS-M-1121479**

Replaces Nordson 1121479  
NC · .008



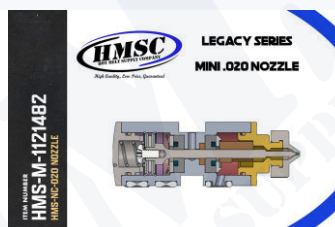
**HMS-M-1121480**

Replaces Nordson 1121480  
NC · .012



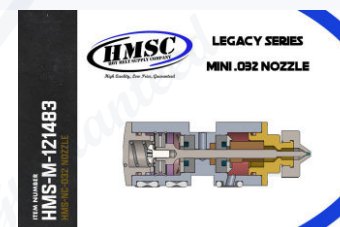
**HMS-M-1121481**

Replaces Nordson 1121481  
NC · .016



**HMS-M-1121482**

Replaces Nordson 1121482  
NC · .020



**HMS-M-1121483**

Replaces Nordson 1121483  
NC · .032



**HMS-M-1121484**

Replaces Nordson 1121484  
NC · .040



## Which one do I have?

Remove the nozzle.

**Needle point visible:** NC.

**No needle visible:** Standard (ball and seat).

See Check 2 on page 2-3.

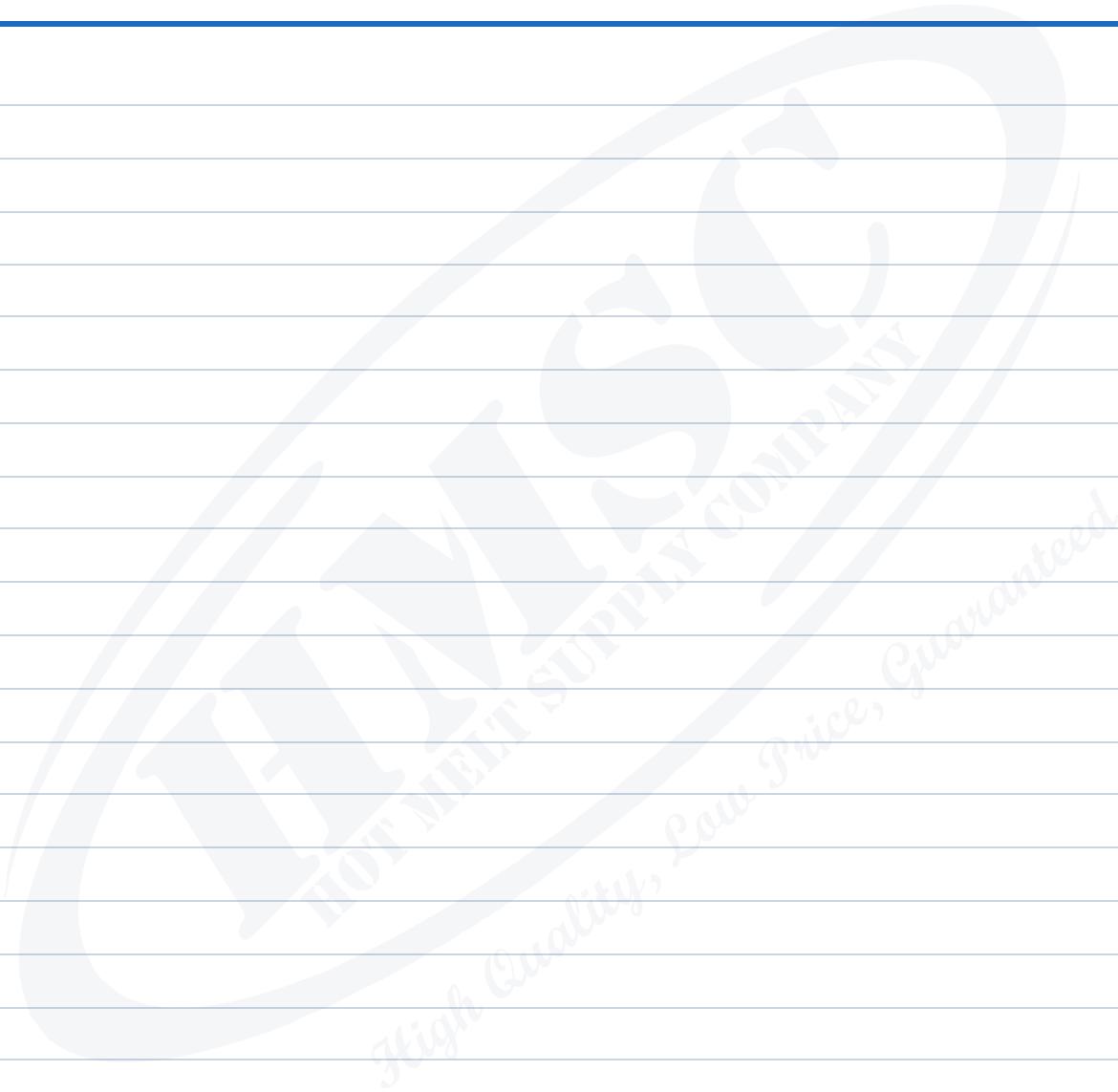
[www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com)

Search any part number for pricing and stock, or call  
1-888-202-1788.

Photos from [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com). Scan a QR code or click a card to open that product page. Orifice sizes in inches.



# Notes





## CHAPTER 3

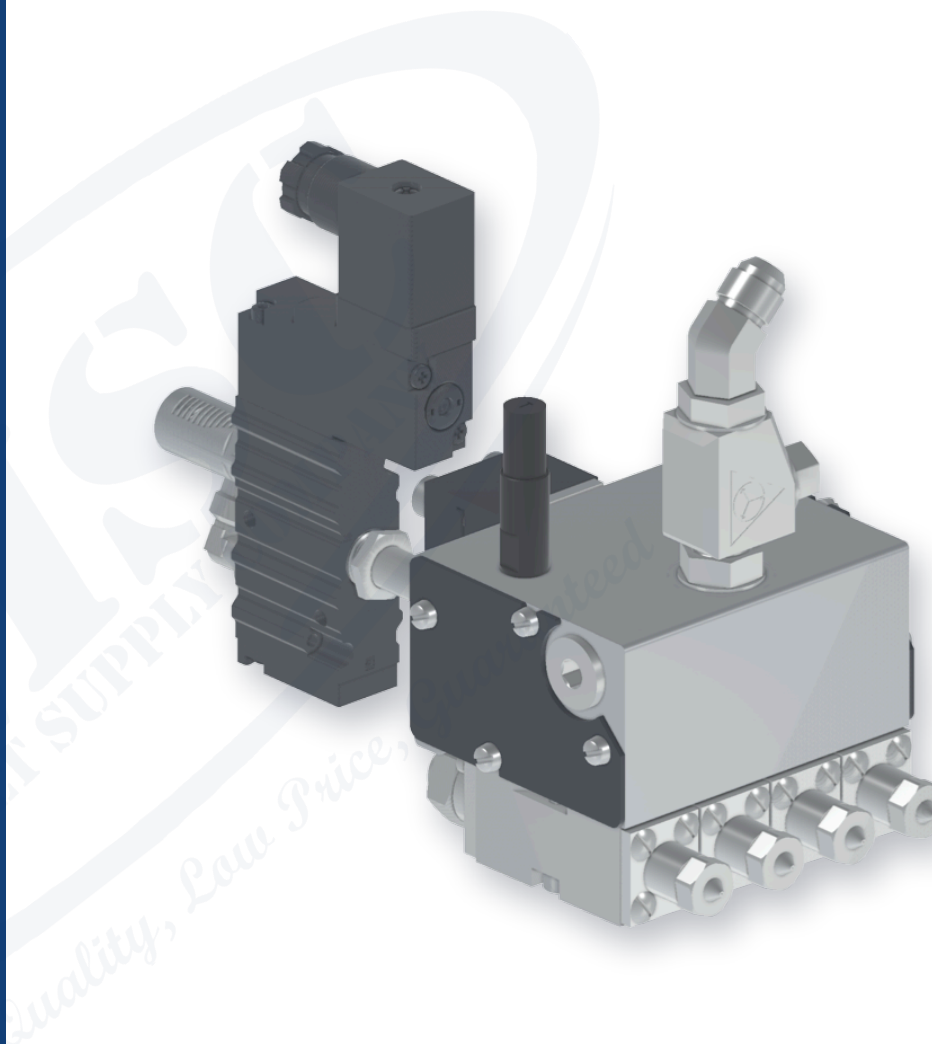
# Guns

## Gun Identification and Configuration Guide

H200, MB2 and slim line guns. Read the configuration code from the gun, select solenoid, filter and cordset, and find standard bodies.

Revision 10/2026

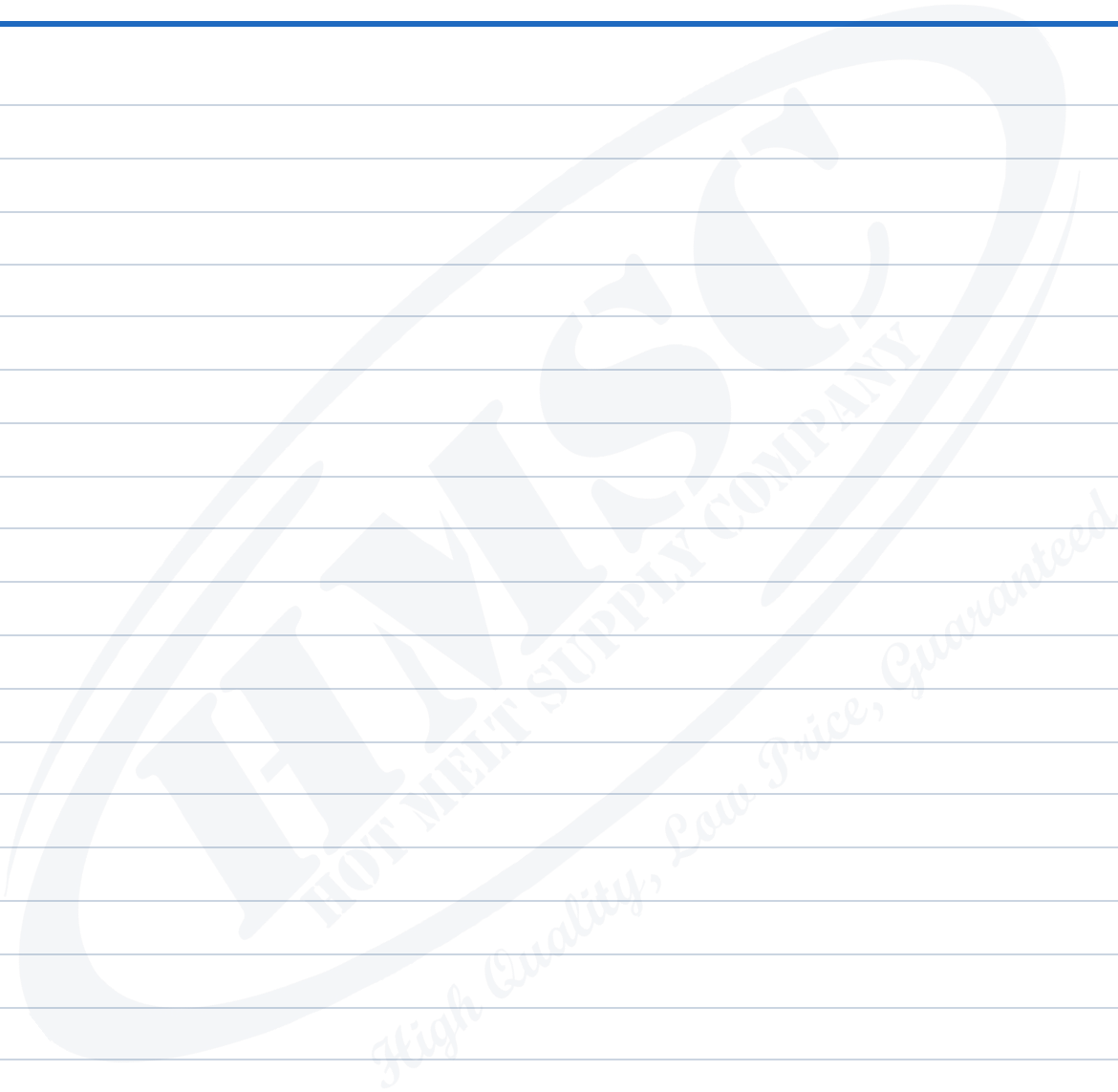
|                                            |      |
|--------------------------------------------|------|
| Gun Identification and Configuration Guide | 3-1  |
| Gun Attributes at a Glance                 | 3-2  |
| Attribute Breakdown                        | 3-3  |
| Select Your Module                         | 3-6  |
| Select Your Solenoid                       | 3-7  |
| Select Your Inline Filter                  | 3-8  |
| Slim Line Integrated Filter                | 3-9  |
| Select Your Cordset                        | 3-10 |
| How to Determine Cordset Position          | 3-11 |
| The Configuration Code                     | 3-12 |
| Build Your Own Configuration Code          | 3-13 |
| H200 Standard Gun Bodies                   | 3-14 |
| MB2 Standard Gun Bodies                    | 3-20 |
| Quick Ship - Preconfigured Guns            | 3-24 |
| Hand Held Applicators                      | 3-51 |







# Notes

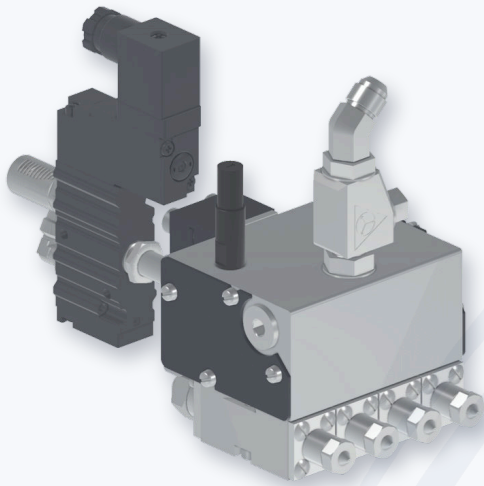




# Gun Identification and Configuration Guide

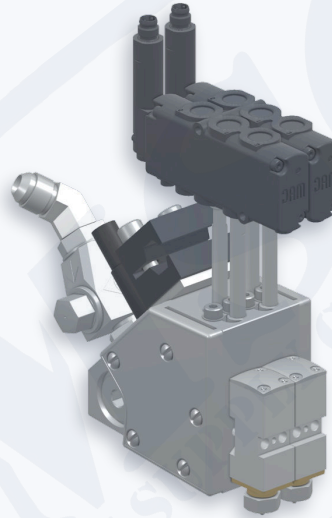
Gun Identification and Configuration Guide

Every H200 and MB2 gun is described by a configuration code. Identify the gun family first, then read each attribute from the gun. Together they make the code, which gives you the exact replacement gun, body or parts.



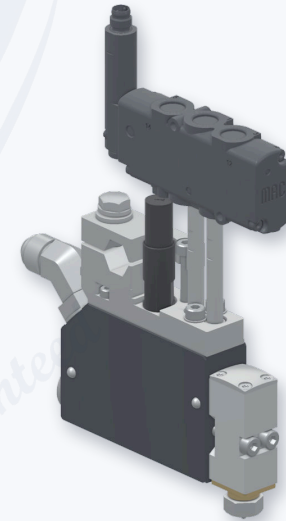
## H200 guns

- Large body, 72.8 x 48.5 mm section
- Takes H200 modules
- 1 to 5 modules (BCS single, BCM multi)
- Cordset at the back (BA), or right / left of the bracket (RB / LB)
- 1, 3 or 5 hydraulic ports



## MB2 guns

- Compact body
- Takes mini ball and seat and NC modules
- 1 to 6 modules
- Cordset right / left of the bracket (RB / LB) or side (RS / LS)
- 1, 3 or 5 hydraulic ports



## Slim line mini guns

- Thin one piece body, one body for every slim line gun
- Takes one mini module
- Always 1 module, independent air (IA)
- Cordset exits the top side (TS)
- 1 hydraulic port

**Safety.** Guns run at melt temperature under hydraulic and air pressure. Lock out power, relieve pressure and let the gun cool before inspecting it.

**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).



TWELVE ATTRIBUTES DESCRIBE EVERY GUN

# Gun Attributes at a Glance

Gun Identification and Configuration Guide

| Attribute                                                                                             | H200                                           | MB2                            | Slim line                |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|--------------------------|
| <b>Group</b><br>The gun family. It sets which body, modules and options apply.                        | BCS single, BCM multi                          | MB2                            | MB2 (cordset TS, 1 port) |
| <b>Module type</b><br>The module installed on every station.                                          | CBST, SLBS, SLBA, SURS, SURA, CBRC, CBZC, CBRA | BEL, NC                        | BEL, NC                  |
| <b>Orifice</b><br>Orifice size in thousandths of an inch.                                             | STD, 008 to 040                                | STD, 008 to 040                | STD, 008 to 040          |
| <b>Modules</b><br>How many modules the body holds.                                                    | 01 (BCS), 02 to 05 (BCM)                       | 01 to 06                       | 01                       |
| <b>Voltage</b><br>Heater and cordset voltage.                                                         | A 240 V, B 200 V                               | A 240 V, B 200 V               | A 240 V, B 200 V         |
| <b>Air type</b><br>How the air valves fire the modules.                                               | CA, IA, PA                                     | CA, IA, PA                     | IA                       |
| <b>Spacing</b><br>Center to center distance between modules, in mm. One group per gap, left to right. | 000 single; see H200 body pages                | 000 single; see MB2 body pages | 000                      |
| <b>Cordset type</b><br>The electrical cordset on the gun.                                             | T, W                                           | T, W, F                        | T, W, F                  |
| <b>Cordset position</b><br>Where the cordset leaves the gun.                                          | BA (single), RB, LB                            | RB, LB, RS, LS                 | TS                       |
| <b>Solenoid</b><br>The air solenoid valve.                                                            | XXXX, 3A1A, 3A0B, 4A1A                         | SP, SD, P1                     | SP, SD, P1               |
| <b>Hydraulic connector</b><br>Filter mesh (letter) and fitting angle (number) at the hose connection. | N0, or E / F / G with 0, 4 or 9                | E / F / G with 0, 4 or 9       | F4, G4, G9, F0           |
| <b>Ports</b><br>Number of hydraulic ports on the body.                                                | 1 (single), 3 or 5                             | 1, 3 or 5                      | 1                        |

Released combinations are listed on the body pages. Other combinations can be built to order.

**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email sales@hotmeltsupplyco.com.



# Attribute Breakdown

## G Group

The gun family. It sets which body, modules and options apply.

**How to identify:** Look at the body size and module style. Slim line guns hold one module in a thin body with the cordset on top.

| Code    | Meaning                                    | H200 | MB2 | Slim |
|---------|--------------------------------------------|------|-----|------|
| BCS     | H200 single module gun                     | Yes  |     |      |
| BCM     | H200 multi module gun                      | Yes  |     |      |
| MB2     | MB2 gun (standard and slim line)           |      | Yes | Yes  |
| BCS-MB2 | Same as MB2 (prefix seen on some drawings) |      | Yes |      |

## 1 Module type

The module installed on every station.

**How to identify:** Use the Module Identification and Ordering Guide: check the air type and needle style, then match the code on the Select Your Module page.

| Code        | Meaning                          | H200 | MB2 | Slim |
|-------------|----------------------------------|------|-----|------|
| CBST        | H200 standard (ball and seat)    | Yes  |     |      |
| SLBS / SLBA | H200 standard AOSC / AOAC        | Yes  |     |      |
| SURS / SURA | H200 NC <sup>2</sup> AOSC / AOAC | Yes  |     |      |
| CBRC / CBZC | H200 reduced / zero cavity       | Yes  |     |      |
| CBRA        | H200 right angle                 | Yes  |     |      |
| BEL         | Mini ball and seat               |      | Yes | Yes  |
| NC          | Mini NC                          |      | Yes | Yes  |

## 2 Orifice

Orifice size in thousandths of an inch.

**How to identify:** Read the size marked on the nozzle hex. Standard ball modules use STD.

| Code       | Meaning                                        | H200 | MB2 | Slim |
|------------|------------------------------------------------|------|-----|------|
| STD        | Standard module, orifice set by the nozzle     | Yes  | Yes | Yes  |
| 008 to 040 | Built in orifice: 008, 012, 016, 020, 032, 040 | Yes  | Yes | Yes  |

## 3 Modules

How many modules the body holds.

**How to identify:** Count the modules.

| Code     | Meaning      | H200 | MB2      | Slim |
|----------|--------------|------|----------|------|
| 01       | One module   | BCS  | Yes      | Yes  |
| 02 to 05 | Multi module | BCM  | 02 to 06 |      |

**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).



# Attribute Breakdown

## 4 Voltage

Heater and cordset voltage.

**How to identify:** Read the gun label (VOLTS).

| Code | Meaning | H200 | MB2 | Slim |
|------|---------|------|-----|------|
| A    | 240 VAC | Yes  | Yes | Yes  |
| B    | 200 VAC | Yes  | Yes | Yes  |

## 5 Air type

How the air valves fire the modules.

**How to identify:** Count the solenoid valves: one valve for all modules is CA; one valve per module is IA; one valve per group of modules (pattern air) is PA.

| Code | Meaning                                  | H200           | MB2      | Slim |
|------|------------------------------------------|----------------|----------|------|
| CA   | Common air: one valve fires every module | Yes            | Yes      |      |
| IA   | Independent air: one valve per module    | Yes            | Yes      | Yes  |
| PA   | Pattern air: modules fired in groups     | 4 and 5 module | 4 module |      |

## 6 Spacing

Center to center distance between modules, in mm. One group per gap, left to right.

**How to identify:** Measure center to center of the nozzles. A single module gun is 000.

| Code        | Meaning                             | H200       | MB2        | Slim |
|-------------|-------------------------------------|------------|------------|------|
| 000         | Single module                       | Yes        | Yes        | Yes  |
| 022         | Two modules, 22 mm apart            | Yes        | Yes        |      |
| 022-038-022 | Four modules: 22, 38 and 22 mm gaps | Yes        |            |      |
| See pages   | Released spacings for every body    | Body pages | Body pages |      |

## 7 Cordset type

The electrical cordset on the gun.

**How to identify:** Look at the cordset connector.

| Code | Meaning        | H200 | MB2 | Slim |
|------|----------------|------|-----|------|
| T    | Standard 6 pin | Yes  | Yes | Yes  |
| W    | Water wash     | Yes  | Yes | Yes  |
| F    | Freedom        |      | Yes | Yes  |

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# Attribute Breakdown

## 8 Cordset position

Where the cordset leaves the gun.

**How to identify:** Face the modules, look down at the bracket (mounting clamp) on top, and note which side of it the cordset leaves.

| Code    | Meaning                                              | H200          | MB2 | Slim |
|---------|------------------------------------------------------|---------------|-----|------|
| BA      | Back                                                 | Single module |     |      |
| RB / LB | Right / left of the bracket                          | Multi module  | Yes |      |
| RS / LS | Right / left side cover; HMSC builds them as RB / LB |               | Yes |      |
| TS      | Top side                                             |               |     | Yes  |

## 9 Solenoid

The air solenoid valve.

**How to identify:** Read the valve label.

| Code | Meaning                                  | H200 | MB2 | Slim |
|------|------------------------------------------|------|-----|------|
| XXXX | None: no solenoid, valve or air fittings | Yes  |     |      |
| 3A1A | 3 port, 24 VDC, LED                      | Yes  |     |      |
| 3A0B | 3 port, 24 VDC, no LED                   | Yes  |     |      |
| 4A1A | 4 port, 24 VDC, LED                      | Yes  |     |      |
| SP   | High speed MAC                           |      | Yes | Yes  |
| SD   | Mini MAC                                 |      | Yes | Yes  |
| P1   | High speed Festo                         |      | Yes | Yes  |
| XX   | None: no solenoid                        |      | Yes |      |

## 10 Hydraulic connector

Filter mesh (letter) and fitting angle (number) at the hose connection.

**How to identify:** Look at the hose fitting angle and the filter size stamped on it.

| Code      | Meaning                                                             | H200 | MB2 | Slim |
|-----------|---------------------------------------------------------------------|------|-----|------|
| N         | No filter                                                           | Yes  |     |      |
| E / F / G | 50 / 100 / 200 mesh filter                                          | Yes  | Yes | Yes  |
| 0 / 4 / 9 | Straight / 45 degree / 90 degree                                    | Yes  | Yes | Yes  |
| Examples  | N0 no filter straight, F4 100 mesh 45 degree, G9 200 mesh 90 degree |      |     |      |

## 11 Ports

Number of hydraulic ports on the body.

**How to identify:** Count the hose ports.

| Code | Meaning     | H200          | MB2 | Slim |
|------|-------------|---------------|-----|------|
| 1    | One port    | Single module | Yes | Yes  |
| 3    | Three ports | Multi module  | Yes |      |
| 5    | Five ports  | Long bodies   | Yes |      |

**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).





CODE FIELD 1, MODULE TYPE, AND FIELD 2, ORIFICE

## Select Your Module

Gun Identification and Configuration Guide

Identify the module with the Module Identification and Ordering Guide (air type, then needle style), then use the code and part numbers below. The orifice code (field 2) is STD for standard ball modules, or the NC / NC<sup>2</sup> orifice size.

| Gun          | Code               | Module                                   | Module guide, feature pages       | HMSC part numbers                                                                                                     |
|--------------|--------------------|------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| H200         | CBST               | Standard module (ball and seat)          | H200 Standard Module              | HMS-M-1052925 (AOSC) or HMS-M-1052927 (AOAC)                                                                          |
| H200         | SLBS / SLBA        | Standard AOSC / AOAC module              | H200 Standard Module              | HMS-M-1052925 (AOSC), HMS-M-1052927 (AOAC); AOSC ball and seat (filtered, 100 mesh / 200 mesh): T10F29B5S-F100 / F200 |
| H200         | SURS               | NC <sup>2</sup> AOSC module              | H200 NC <sup>2</sup> AOSC Module  | HMS-M-1052928-F200 (.008), 1052929-F100 (.012), 1052931-F100 (.016), 1052932-F100 (.020)                              |
| H200         | SURA               | NC <sup>2</sup> AOAC module              | H200 NC <sup>2</sup> AOAC Module  | HMS-M-1052934-F200 (.008), 1052935-F100 (.012), 1052936-F100 (.016), 1052937-F100 (.020)                              |
| H200         | CBRC / CBZC / CBRA | Reduced cavity, zero cavity, right angle | Not in the module guide           | Call 1-888-202-1788                                                                                                   |
| MB2 and slim | BEL                | Mini ball and seat                       | Mini Ball and Seat and NC Modules | HMS-M-1095703                                                                                                         |
| MB2 and slim | NC                 | Mini NC                                  | Mini Ball and Seat and NC Modules | HMS-M-1121479 (.008) to 1121484 (.040)                                                                                |

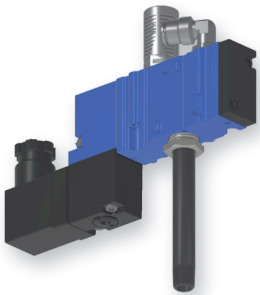
**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).



CODE FIELD 9

## Select Your Solenoid

Gun Identification and Configuration Guide



**H200**  
**MAC 52 series solenoid valve**  
Solenoid kit HMS-0005-KIT-04  
**XXXX** None: gun ships without a solenoid  
**3A1A** 3 port, 24 VDC, LED  
**3A0B** 3 port, 24 VDC, no LED  
**4A1A** 4 port, 24 VDC, LED



Replaces Nordson  
**1056119**  
T10F61A9S



**MB2 and slim, code SP**  
**High speed MAC 26A series**  
Independent air (IA) guns, 5 mm



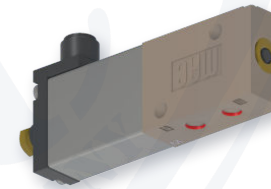
Replaces Nordson  
**1095800**  
T10N58P0S



**MB2, code SP**  
**High speed MAC 26A series**  
Common air (CA) guns, 1/8 in



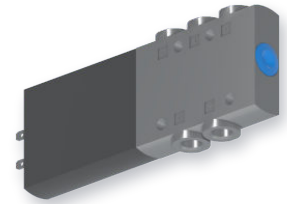
Replaces Nordson  
**1120826**  
T11B08B6S



**MB2 and slim, code SD**  
**Mini MAC 44B series**  
5 mm



Replaces Nordson  
**771458**  
T7K14F8S



**MB2 and slim, code P1**  
**High speed Festo**



Replaces Nordson  
**1123910**  
T11B39A0S

*Read the valve label to identify it. IA guns have one valve per module, CA guns one valve for all modules, PA guns one valve per group of modules.*

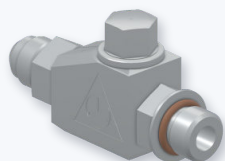
**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).



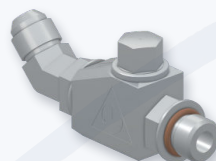
CODE FIELD 10, HYDRAULIC CONNECTOR: MESH LETTER PLUS FITTING ANGLE

## Select Your Inline Filter

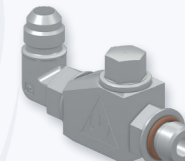
Gun Identification and Configuration Guide



**Straight (digit 0)**



**45 degree (digit 4)**



**90 degree (digit 9)**

**Saturn ring color shows the mesh:**

● Red 50 mesh (E)

● Yellow 100 mesh (F)

● Purple 200 mesh (G)



**E0**

**50 mesh, red ring**

Replaces Nordson 1007033

T10P70C3S



**E4**

**50 mesh, red ring**

Replaces Nordson 1007233

T10P72C3S



**E9**

**50 mesh, red ring**

Replaces Nordson 1007230

T10P72C0S



**F0**

**100 mesh, yellow ring**

Replaces Nordson 1007034

T10P70C4S



**F4**

**100 mesh, yellow ring**

Replaces Nordson 1007234

T10P72C4S



**F9**

**100 mesh, yellow ring**

Replaces Nordson 1007231

T10P72C1S



**G0**

**200 mesh, purple ring**

Replaces Nordson 1007035

T10P70C5S



**G4**

**200 mesh, purple ring**

Replaces Nordson 1007235

T10P72C5S



**G9**

**200 mesh, purple ring**

Replaces Nordson 1007232

T10P72C2S

*The Saturn color code is the property of Nordson Corporation and is shown for identification reference only.*

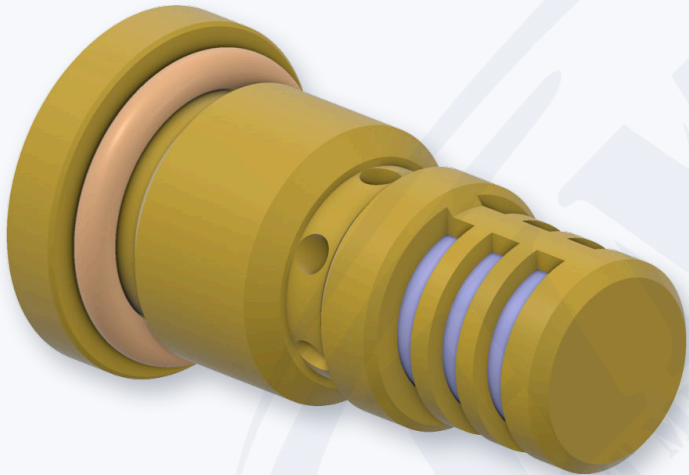
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CODE FIELD 10 ON SLIM LINE GUNS: MESH LETTER PLUS ADAPTER ANGLE

## Slim Line Integrated Filter

Gun Identification and Configuration Guide



Slim line guns do not take the inline filter. The filter element threads into the gun on an angle adapter: the letter in code field 10 is the mesh, the digit is the adapter angle (0 straight, 4 45 degree, 9 90 degree). Example: F4 is a 100 mesh element on the 45 degree adapter. Replace the element when you change the adhesive or on your filter schedule.



**E**

**50 mesh filter element, 5 pack**

Replaces Nordson 1123661

T11B36H1S



**F**

**100 mesh filter element, 5 pack**

Replaces Nordson 1123662

T11B36H2S



**G**

**200 mesh filter element, 5 pack**

Replaces Nordson 1123663

T11B36H3S

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## Select Your Cordset



### T, standard 6 pin

Mates with the 6 pin applicator end of packaging hoses. Gun heater 1 and 2, gun RTD 3, RTD common 5, ground. Pin 4 not used.



#### Most guns

Replaces Nordson 274685  
T2K46M5S



#### Slim line MB2, with heater

Replaces Nordson 1130591  
HMS-C-1130591



### W, water wash

Round 6 pin plus PE. Mates with the applicator end of washdown hoses. Gun heater 1 and 2, gun RTD 3, RTD common 5, PE ground. Pins 4 and 6 not used. Same connector as Freedom.



#### Most guns

Replaces Nordson 223804  
T2B38P4S



#### Slim line MB2, with heater

Replaces Nordson 1130868  
HMS-C-1130868



### F, Freedom

Same round 6 pin plus PE connector as water wash. Mates with a Freedom hose. Gun heater 1 and 2, gun RTD 3, RTD common 5, PE ground. Pins 4 and 6 not used: Nordson Freedom guns use them for gun ID (CID), HMSC guns do not have CID. The solenoid has its own 3 pin plug: S1 solenoid +, S3 solenoid -, S4 ground.

● Gun heater ● Gun sensor ● Shared sensor (RTD common) ● Ground ○ Not used

Gun side connectors, as seen looking into the gun connector: the mirror image of the hose applicator end (see the hose chapter).

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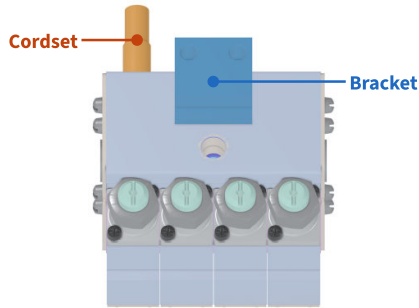


CODE FIELD 8

# How to Determine Cordset Position

Gun Identification and Configuration Guide

**LB: cordset left of the bracket**

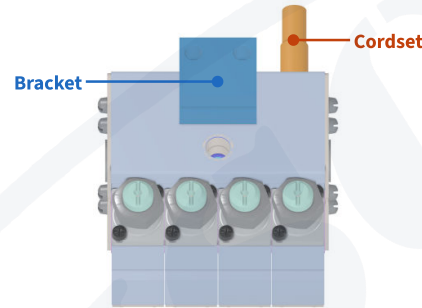


**H200**  
BCM

Modules, nearest you

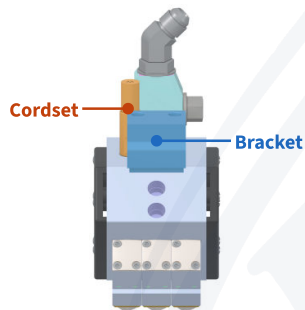
Replaces Nordson 8514708, solenoid not shown

**RB: cordset right of the bracket**



Modules, nearest you

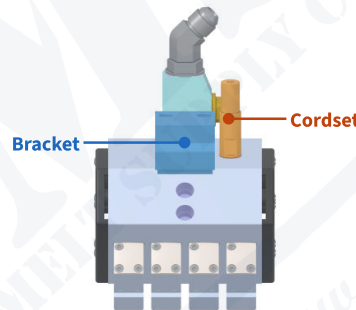
Replaces Nordson 8504867



**MB2**

Modules, nearest you

Replaces Nordson 8530169, solenoid not shown



Modules, nearest you

Replaces Nordson 8530475, solenoid not shown

## How to look at the gun

Stand in front of the gun, facing the modules, and look down on the top of the gun. The **bracket** is the mounting clamp on top (blue in the pictures). The cordset (orange) leaves the back of the gun to one side of it.

**LB:** left of the bracket. **RB:** right of the bracket.

**MB2 codes RS and LS:** on the original gun the cordset comes out of the side cover on that side. The HMSC replacement is built with the cordset on the same side of the bracket: RS as RB, LS as LB.

## Single module guns

**All H200 single module guns (BCS) are BA:** the cordset exits straight out the back, behind the bracket.

**All slim line guns are TS:** the cordset exits the top side.

1. Face the modules and look down on the top of the gun, at the bracket (the mounting clamp).
2. Find where the cordset leaves the back of the gun: left of the bracket (LB) or right of the bracket (RB).
3. Write that code in field 8. Body pages show which positions each released body is built for.

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TWELVE FIELDS, LEFT TO RIGHT, SEPARATED BY DASHES

# The Configuration Code

Gun Identification and Configuration Guide

|                        |                               |                          |                         |                        |                          |                                  |                             |                                  |                            |                                      |                       |
|------------------------|-------------------------------|--------------------------|-------------------------|------------------------|--------------------------|----------------------------------|-----------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------|
| <b>BCS</b><br>G. Group | <b>CBST</b><br>1. Module type | <b>STD</b><br>2. Orifice | <b>04</b><br>3. Modules | <b>A</b><br>4. Voltage | <b>CA</b><br>5. Air type | <b>022-038-022</b><br>6. Spacing | <b>T</b><br>7. Cordset type | <b>RB</b><br>8. Cordset position | <b>XXXX</b><br>9. Solenoid | <b>N0</b><br>10. Hydraulic connector | <b>3</b><br>11. Ports |
|------------------------|-------------------------------|--------------------------|-------------------------|------------------------|--------------------------|----------------------------------|-----------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------|

Write the fields in this order, separated by dashes. Module spacing has one 3 digit group per gap between modules (a 4 module gun has 3 groups). A single module gun uses 000.

## H200, 4 module

|            |             |            |           |          |           |                    |          |           |             |           |          |
|------------|-------------|------------|-----------|----------|-----------|--------------------|----------|-----------|-------------|-----------|----------|
| <b>BCM</b> | <b>CBST</b> | <b>STD</b> | <b>04</b> | <b>A</b> | <b>CA</b> | <b>022-038-022</b> | <b>T</b> | <b>RB</b> | <b>XXXX</b> | <b>N0</b> | <b>3</b> |
|------------|-------------|------------|-----------|----------|-----------|--------------------|----------|-----------|-------------|-----------|----------|

**BCM-CBST-STD-04-A-CA-022-038-022-T-RB-XXXX-N0-3**

H200 multi module gun, standard modules, 240 V, common air, 22-38-22 mm, standard cordset right of the bracket, no solenoid, no filter straight, 3 ports

## MB2, 3 module

|            |           |            |           |          |           |                |          |           |           |           |          |
|------------|-----------|------------|-----------|----------|-----------|----------------|----------|-----------|-----------|-----------|----------|
| <b>MB2</b> | <b>NC</b> | <b>012</b> | <b>03</b> | <b>A</b> | <b>CA</b> | <b>016-016</b> | <b>F</b> | <b>LB</b> | <b>SP</b> | <b>F4</b> | <b>3</b> |
|------------|-----------|------------|-----------|----------|-----------|----------------|----------|-----------|-----------|-----------|----------|

**MB2-NC-012-03-A-CA-016-016-F-LB-SP-F4-3**

MB2 gun, NC .012 modules, 240 V, common air, 16-16 mm, Freedom cordset left of the bracket, high speed MAC, 100 mesh 45 degree, 3 ports

## Slim line

|            |           |            |           |          |           |            |          |           |           |           |          |
|------------|-----------|------------|-----------|----------|-----------|------------|----------|-----------|-----------|-----------|----------|
| <b>MB2</b> | <b>NC</b> | <b>012</b> | <b>01</b> | <b>A</b> | <b>IA</b> | <b>000</b> | <b>F</b> | <b>TS</b> | <b>SP</b> | <b>F4</b> | <b>1</b> |
|------------|-----------|------------|-----------|----------|-----------|------------|----------|-----------|-----------|-----------|----------|

**MB2-NC-012-01-A-IA-000-F-TS-SP-F4-1**

Slim line gun, one NC .012 module, 240 V, independent air, Freedom cordset top side, high speed MAC, 100 mesh 45 degree, 1 port

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FILL IN EACH BOX FROM THE GUN, THEN ORDER BY CODE

# Build Your Own Configuration Code

Gun Identification and Configuration Guide

|                                                                    |                                                                                                             |                                                                                |                                                                                      |                                                                                   |                                                          |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>G</b><br><b>Group</b><br><div></div><br>BCS, BCM, MB2, BCS-MB2  | <b>1</b><br><b>Module type</b><br><div></div><br>CBST, SLBS / SLBA, SURS / SURA, CBRC / CBZC, CBRA, BEL, NC | <b>2</b><br><b>Orifice</b><br><div></div><br>STD, 008 to 040                   | <b>3</b><br><b>Modules</b><br><div></div><br>01, 02 to 05                            | <b>4</b><br><b>Voltage</b><br><div></div><br>A, B                                 | <b>5</b><br><b>Air type</b><br><div></div><br>CA, IA, PA |
| <b>6</b><br><b>Spacing</b><br><div></div><br>000, 022, 022-038-022 | <b>7</b><br><b>Cordset type</b><br><div></div><br>T, W, F                                                   | <b>8</b><br><b>Cordset position</b><br><div></div><br>BA, RB / LB, RS / LS, TS | <b>9</b><br><b>Solenoid</b><br><div></div><br>XXXX, 3A1A, 3A0B, 4A1A, SP, SD, P1, XX | <b>10</b><br><b>Hydraulic connector</b><br><div></div><br>N, E / F / G, 0 / 4 / 9 | <b>11</b><br><b>Ports</b><br><div></div><br>1, 3, 5      |

Configuration code: \_\_\_\_\_



## Use the online configurator

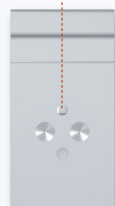
Build the code from drop down menus and get the HMSC part number and bill of materials: [www.hotmeltsupplyco.com/tools](http://www.hotmeltsupplyco.com/tools). Not every combination is stocked. Custom configurations are available: call 1-888-202-1788.

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# H200 Standard Gun Bodies

1 module



body 38.1 mm

**1 module · CA · 000**

Cordset back · 1 port

**BA HMS-BC-100100000**

**HEATER**

**240 V HMS-HNA-34660** 1/2 x 1.20 in, 147 W

**200 V HMS-HNB-34626** 1/2 x 1.20 in, 147 W

22



body 44.4 mm

**2 modules · CA · 022**

Cordset right of bracket · 3 ports

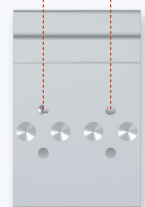
**RB HMS-BC-200100000**

**HEATER**

**240 V HMS-HNA-34662** 1/2 x 1.50 in, 200 W

**200 V HMS-HNB-34628** 1/2 x 1.50 in, 200 W

25



body 47.4 mm

**2 modules · CA · 025**

Cordset right of bracket · 3 ports

**RB HMS-BC-200200000**

**HEATER**

**240 V HMS-HNA-34662** 1/2 x 1.50 in, 200 W

**200 V HMS-HNB-34628** 1/2 x 1.50 in, 200 W

30



body 52.4 mm

**2 modules · CA · 030**

Cordset right of bracket · 3 ports

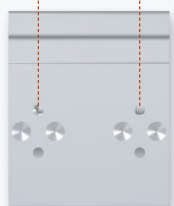
**RB HMS-BC-200300000**

**HEATER**

**240 V HMS-HNA-34662** 1/2 x 1.50 in, 200 W

**200 V HMS-HNB-34628** 1/2 x 1.50 in, 200 W

38



body 60.4 mm

**2 modules · CA · 038**

Cordset right of bracket · 3 ports

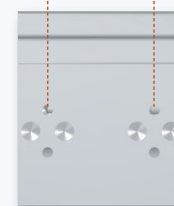
**RB HMS-BC-200400000**

**HEATER**

**240 V HMS-HNA-34663** 1/2 x 2.00 in, 200 W

**200 V HMS-HNB-34629** 1/2 x 2.00 in, 200 W

40



body 62.4 mm

**2 modules · CA · 040**

Cordset left of bracket · 3 ports

**LB HMS-BC-200500000**

**HEATER**

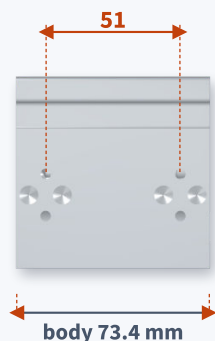
**240 V HMS-HNA-34663** 1/2 x 2.00 in, 200 W

**200 V HMS-HNB-34629** 1/2 x 2.00 in, 200 W

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## H200 Standard Gun Bodies



### 2 modules • CA • 051

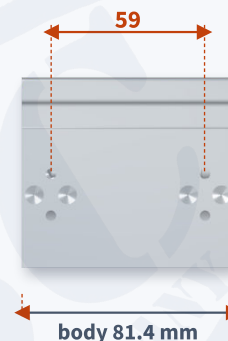
Cordset right of bracket • 3 ports

**RB** HMS-BC-200600000

#### HEATER

240 V HMS-HNA-34664 1/2 x 2.44 in, 250 W

200 V HMS-HNB-34630 1/2 x 2.44 in, 250 W



### 2 modules • CA • 059

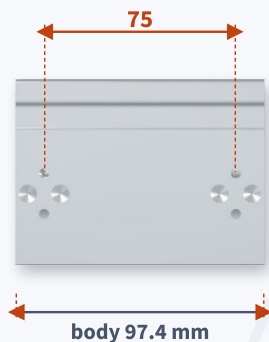
Cordset right of bracket • 3 ports

**RB** HMS-BC-200700000

#### HEATER

240 V HMS-HNA-34672 1/2 x 2.75 in, 250 W

200 V HMS-HNB-34633 1/2 x 2.75 in, 250 W



### 2 modules • CA • 075

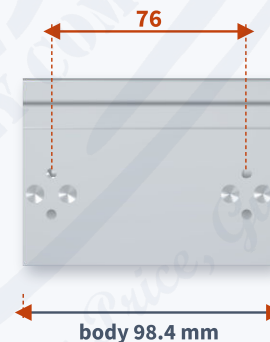
Cordset left of bracket • 3 ports

**LB** HMS-BC-200800000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 2 modules • CA • 076

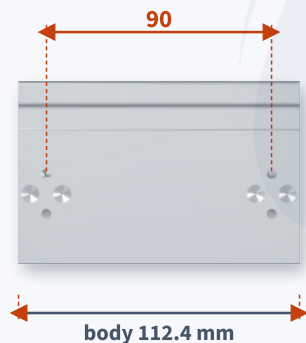
Cordset right of bracket • 3 ports

**RB** HMS-BC-200900000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 2 modules • CA • 090

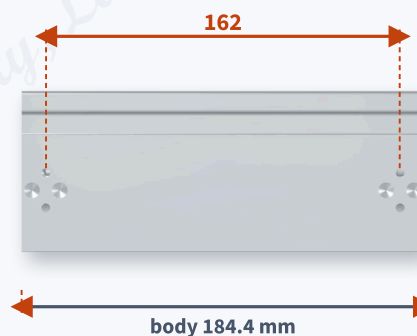
Cordset left of bracket • 3 ports

**LB** HMS-BC-201000000

#### HEATER

240 V HMS-HNA-34676 1/2 x 4.13 in, 300 W

200 V HMS-HNB-34637 1/2 x 4.13 in, 300 W



### 2 modules • CA • 162

Cordset right of bracket • 3 or 5 ports

**RB** HMS-BC-201100000

#### HEATER

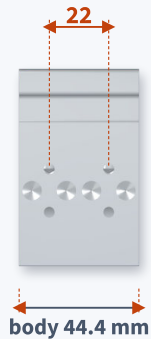
240 V HMS-HNA-34659 1/2 x 6.50 in, 400 W

200 V HMS-HNB-34644 1/2 x 6.50 in, 400 W

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## H200 Standard Gun Bodies



### 2 modules • IA • 022

Cordset left of bracket, right of bracket • 3 ports

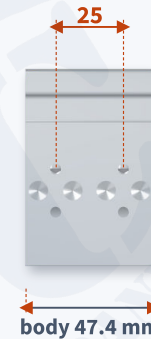
**RB** HMS-BC-201400000

**LB** HMS-BC-201300000

#### HEATER

240 V HMS-HNA-34662 1/2 x 1.50 in, 200 W

200 V HMS-HNB-34628 1/2 x 1.50 in, 200 W



### 2 modules • IA • 025

Cordset left of bracket, right of bracket • 3 ports

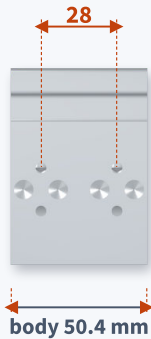
**RB** HMS-BC-201600000

**LB** HMS-BC-201500000

#### HEATER

240 V HMS-HNA-34662 1/2 x 1.50 in, 200 W

200 V HMS-HNB-34628 1/2 x 1.50 in, 200 W



### 2 modules • IA • 028

Cordset left of bracket • 3 ports

**LB** HMS-BC-201700000

#### HEATER

240 V HMS-HNA-34662 1/2 x 1.50 in, 200 W

200 V HMS-HNB-34628 1/2 x 1.50 in, 200 W



### 2 modules • IA • 035

Cordset left of bracket, right of bracket • 3 ports

**RB** HMS-BC-201900000

**LB** HMS-BC-201800000

#### HEATER

240 V HMS-HNA-34662 1/2 x 1.50 in, 200 W

200 V HMS-HNB-34628 1/2 x 1.50 in, 200 W



### 2 modules • IA • 038

Cordset left of bracket, right of bracket • 3 ports

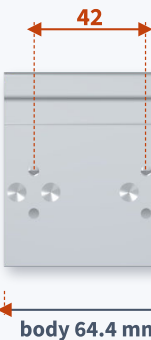
**RB** HMS-BC-202100000

**LB** HMS-BC-202000000

#### HEATER

240 V HMS-HNA-34663 1/2 x 2.00 in, 200 W

200 V HMS-HNB-34629 1/2 x 2.00 in, 200 W



### 2 modules • IA • 042

Cordset left of bracket • 3 ports

**LB** HMS-BC-202200000

#### HEATER

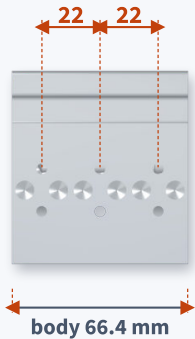
240 V HMS-HNA-34663 1/2 x 2.00 in, 200 W

200 V HMS-HNB-34629 1/2 x 2.00 in, 200 W

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## H200 Standard Gun Bodies



### 3 modules • CA • 022-022

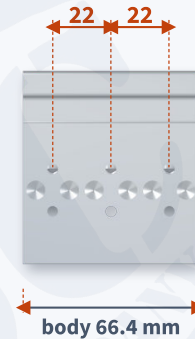
Cordset right of bracket • 3 ports

**RB** HMS-BC-300100000

#### HEATER

240 V HMS-HNA-34663 1/2 x 2.00 in, 200 W

200 V HMS-HNB-34629 1/2 x 2.00 in, 200 W



### 3 modules • IA • 022-022

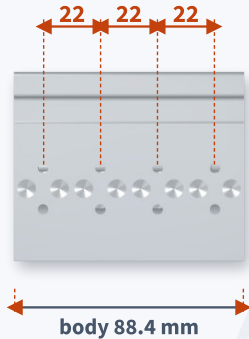
Cordset right of bracket • 3 ports

**RB** HMS-BC-300200000

#### HEATER

240 V HMS-HNA-34663 1/2 x 2.00 in, 200 W

200 V HMS-HNB-34629 1/2 x 2.00 in, 200 W



### 4 modules • CA • 022-022-022

Cordset left of bracket, right of bracket • 3 ports

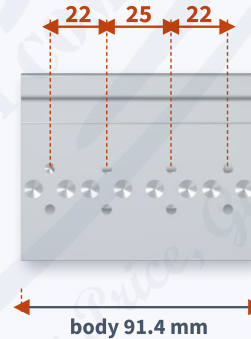
**RB** HMS-BC-400200000

**LB** HMS-BC-400100000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 4 modules • CA • 022-025-022

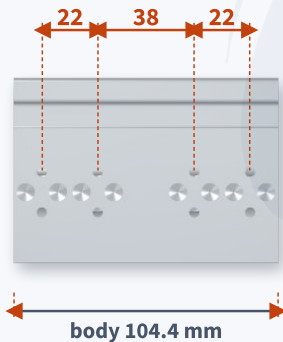
Cordset left of bracket • 3 ports

**LB** HMS-BC-400300000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 4 modules • CA • 022-038-022

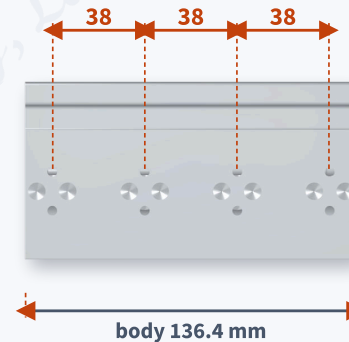
Cordset right of bracket • 3 ports

**RB** HMS-BC-400400000

#### HEATER

240 V HMS-HNA-34675 1/2 x 3.75 in, 280 W

200 V HMS-HNB-34635 1/2 x 3.75 in, 280 W



### 4 modules • CA • 038-038-038

Cordset right of bracket • 3 ports

**RB** HMS-BC-400500000

#### HEATER

240 V HMS-HNA-35576 1/2 x 5.00 in, 300 W

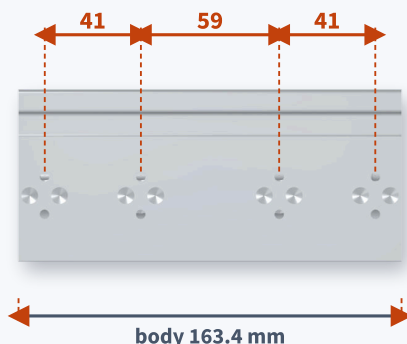
200 V HMS-HNB-34639 1/2 x 5.00 in, 300 W

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## H200 Standard Gun Bodies



### 4 modules • CA • 041-059-041

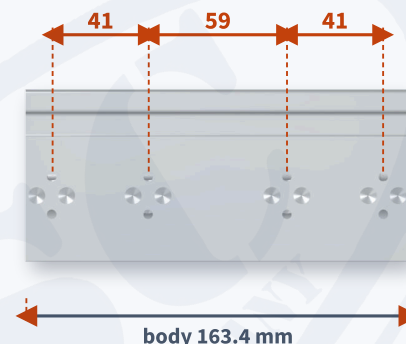
Cordset left of bracket • 3 ports

**LB** HMS-BC-400600000

#### HEATER

240 V HMS-HNA-34677 1/2 x 5.50 in, 350 W

200 V HMS-HNB-34640 1/2 x 5.50 in, 350 W



### 4 modules • CA • 041-059-041

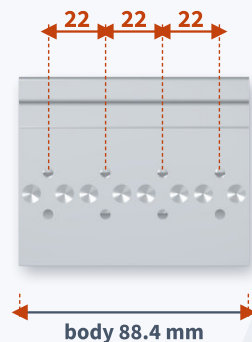
Cordset right of bracket • 5 ports

**RB** HMS-BC-400700000

#### HEATER

240 V HMS-HNA-34677 1/2 x 5.50 in, 350 W

200 V HMS-HNB-34640 1/2 x 5.50 in, 350 W



### 4 modules • IA • 022-022-022

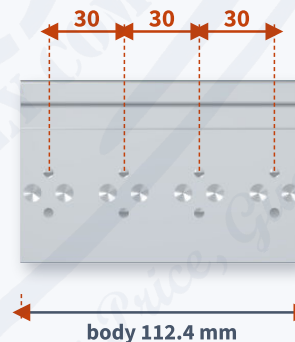
Cordset right of bracket • 3 ports

**RB** HMS-BC-400800000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 4 modules • IA • 030-030-030

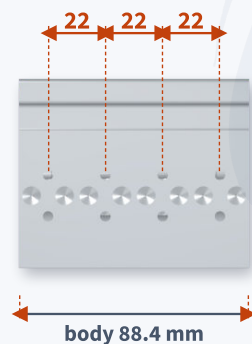
Cordset right of bracket • 3 ports

**RB** HMS-BC-400900000

#### HEATER

240 V HMS-HNA-34676 1/2 x 4.13 in, 300 W

200 V HMS-HNB-34637 1/2 x 4.13 in, 300 W



### 4 modules • PA • 022-022-022

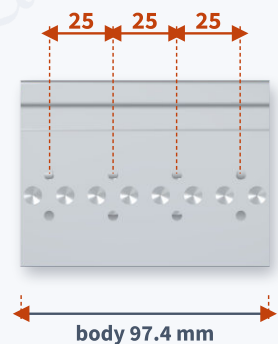
Cordset right of bracket • 3 ports

**RB** HMS-BC-401000000

#### HEATER

240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W



### 4 modules • PA • 025-025-025

Cordset left of bracket • 3 ports

**LB** HMS-BC-401100000

#### HEATER

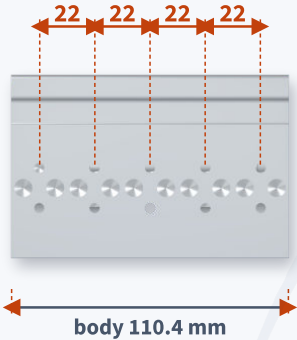
240 V HMS-HNA-34673 1/2 x 3.18 in, 250 W

200 V HMS-HNB-34634 1/2 x 3.18 in, 250 W

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# H200 Standard Gun Bodies



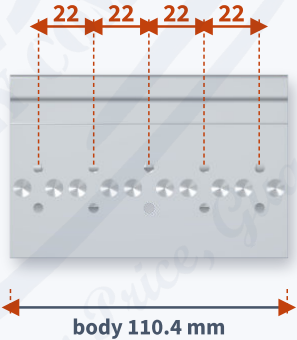
5 modules · CA · 022-022-022-022

Cordset right of bracket · 3 ports

**RB** HMS-BC-500100000

**HEATER**

|       |               |                      |
|-------|---------------|----------------------|
| 240 V | HMS-HNA-34675 | 1/2 x 3.75 in, 280 W |
| 200 V | HMS-HNB-34635 | 1/2 x 3.75 in, 280 W |



5 modules · PA · 022-022-022-022

Cordset right of bracket · 3 ports

**RB** HMS-BC-500200000

**HEATER**

|       |               |                      |
|-------|---------------|----------------------|
| 240 V | HMS-HNA-34675 | 1/2 x 3.75 in, 280 W |
| 200 V | HMS-HNB-34635 | 1/2 x 3.75 in, 280 W |

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# MB2 Standard Gun Bodies

1 module



body 18 mm

## Slim line • 1 module • IA • 000

Cordset top side (TS) • 1 port

**HEATER AND CORDSET ASSEMBLY  
(SOLD COMPLETE)**

|                   |               |
|-------------------|---------------|
| <b>T standard</b> | HMS-C-1130591 |
| <b>W washdown</b> | HMS-C-1130868 |

1 module



body 38.1 mm

## 1 module • IA • 000

Cordset left of bracket, right of bracket • 1 port

**RB HMS-MB-100200000**

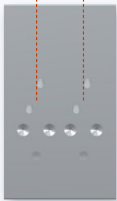
**LB HMS-MB-100100000**

### HEATER

**240 V** HMS-HNA-28123 3/8 x 1.28 in, 150 W

**200 V** HMS-HNB-20406 3/8 x 1.28 in, 150 W

16



body 38.1 mm

## 2 modules • CA • 016

Cordset left of bracket, right of bracket • 3 ports

**RB HMS-MB-200200000**

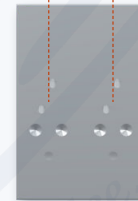
**LB HMS-MB-200100000**

### HEATER

**240 V** HMS-HNA-28123 3/8 x 1.28 in, 150 W

**200 V** HMS-HNB-20406 3/8 x 1.28 in, 150 W

22



body 44.1 mm

## 2 modules • CA • 022

Cordset right of bracket • 3 ports

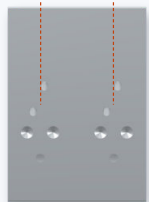
**RB HMS-MB-200300000**

### HEATER

**240 V** HMS-HNA-28123 3/8 x 1.28 in, 150 W

**200 V** HMS-HNB-20406 3/8 x 1.28 in, 150 W

25



body 47.1 mm

## 2 modules • CA • 025

Cordset right of bracket • 3 ports

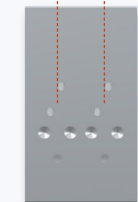
**RB HMS-MB-200400000**

### HEATER

**240 V** HMS-HNA-28123 3/8 x 1.28 in, 150 W

**200 V** HMS-HNB-20406 3/8 x 1.28 in, 150 W

16



body 38.1 mm

## 2 modules • IA • 016

Cordset left of bracket, right of bracket • 3 ports

**RB HMS-MB-200600000**

**LB HMS-MB-200500000**

### HEATER

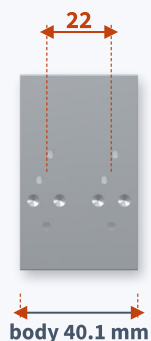
**240 V** HMS-HNA-28123 3/8 x 1.28 in, 150 W

**200 V** HMS-HNB-20406 3/8 x 1.28 in, 150 W

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## MB2 Standard Gun Bodies



### 2 modules • IA • 022

Cordset left of bracket, right of bracket • 3 ports

**RB** HMS-MB-200800000

**LB** HMS-MB-200700000

#### HEATER

240 V HMS-HNA-28123 3/8 x 1.28 in, 150 W

200 V HMS-HNB-20406 3/8 x 1.28 in, 150 W



### 2 modules • IA • 032

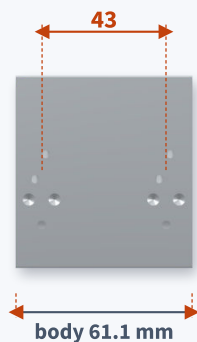
Cordset left of bracket • 3 ports

**LB** HMS-MB-200900000

#### HEATER

240 V HMS-HNA-28123 3/8 x 1.28 in, 150 W

200 V HMS-HNB-20406 3/8 x 1.28 in, 150 W



### 2 modules • IA • 043

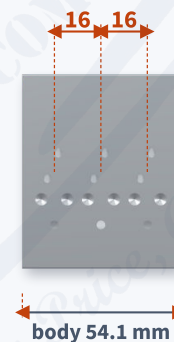
Cordset right of bracket • 3 ports

**RB** HMS-MB-201000000

#### HEATER

240 V HMS-HNA-28841 3/8 x 1.50 in, 200 W

200 V HMS-HNB-20401 3/8 x 1.50 in, 200 W



### 3 modules • CA • 016-016

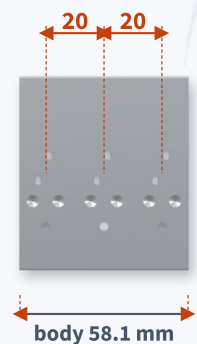
Cordset left of bracket • 3 ports

**LB** HMS-MB-300100000

#### HEATER

240 V HMS-HNA-28841 3/8 x 1.50 in, 200 W

200 V HMS-HNB-20401 3/8 x 1.50 in, 200 W



### 3 modules • IA • 020-020

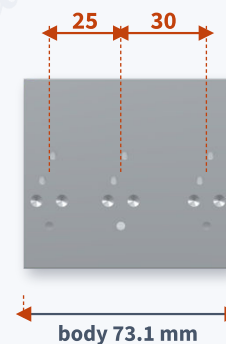
Cordset left of bracket • 3 ports

**LB** HMS-MB-300200000

#### HEATER

240 V HMS-HNA-28841 3/8 x 1.50 in, 200 W

200 V HMS-HNB-20401 3/8 x 1.50 in, 200 W



### 3 modules • IA • 025-030

Cordset left of bracket • 3 ports

**LB** HMS-MB-300300000

#### HEATER

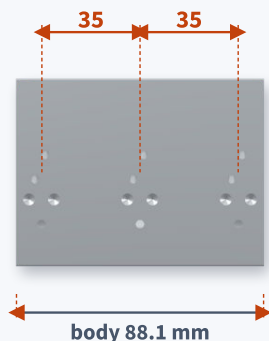
240 V HMS-HNA-20682 3/8 x 2.00 in, 200 W

200 V HMS-HNB-20291 3/8 x 2.00 in, 200 W

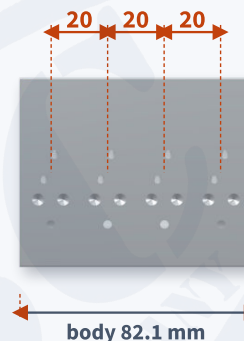
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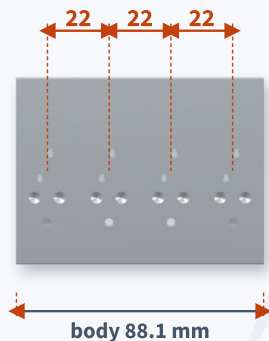
## MB2 Standard Gun Bodies

**3 modules • IA • 035-035**

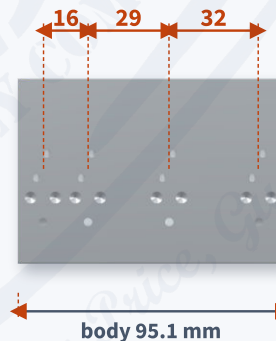
Cordset left of bracket, right of bracket • 3 ports

**RB** HMS-MB-300500000**LB** HMS-MB-300400000**HEATER****240 V** HMS-HNA-29311 3/8 x 2.75 in, 250 W**200 V** HMS-HNB-20296 3/8 x 2.75 in, 250 W**4 modules • CA • 020-020-020**

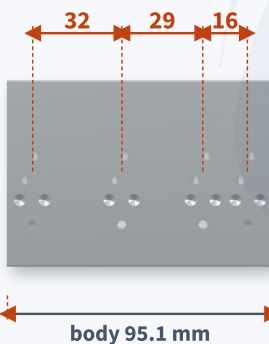
Cordset right of bracket • 3 ports

**RB** HMS-MB-400100000**HEATER****240 V** HMS-HNA-21662 3/8 x 2.44 in, 250 W**200 V** HMS-HNB-20294 3/8 x 2.44 in, 250 W**4 modules • CA • 022-022-022**

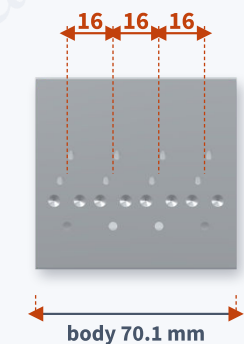
Cordset left of bracket • 3 ports

**LB** HMS-MB-400200000**HEATER****240 V** HMS-HNA-29311 3/8 x 2.75 in, 250 W**200 V** HMS-HNB-20296 3/8 x 2.75 in, 250 W**4 modules • IA • 016-029-032**

Cordset left of bracket • 3 ports

**LB** HMS-MB-400300000**HEATER****240 V** HMS-HNA-29387 3/8 x 3.18 in, 250 W**200 V** HMS-HNB-20293 3/8 x 3.18 in, 250 W**4 modules • IA • 032-029-016**

Cordset left of bracket • 3 ports

**LB** HMS-MB-400400000**HEATER****240 V** HMS-HNA-29387 3/8 x 3.18 in, 250 W**200 V** HMS-HNB-20293 3/8 x 3.18 in, 250 W**4 modules • PA • 016-016-016**

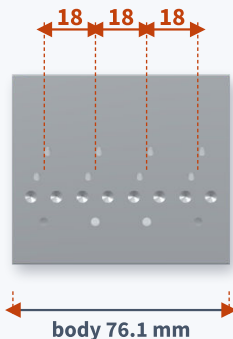
Cordset right of bracket • 3 ports

**RB** HMS-MB-400500000**HEATER****240 V** HMS-HNA-20682 3/8 x 2.00 in, 200 W**200 V** HMS-HNB-20291 3/8 x 2.00 in, 200 W

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## MB2 Standard Gun Bodies



### 4 modules • PA • 018-018-018

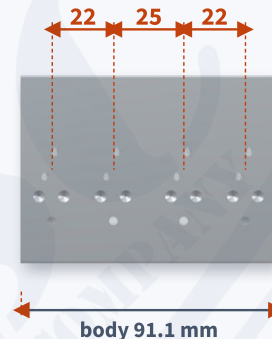
Cordset right of bracket • 3 ports

**RB** HMS-MB-400600000

#### HEATER

240 V HMS-HNA-21662 3/8 x 2.44 in, 250 W

200 V HMS-HNB-20294 3/8 x 2.44 in, 250 W



### 4 modules • PA • 022-025-022

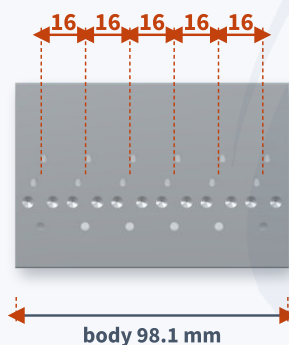
Cordset right of bracket • 3 ports

**RB** HMS-MB-400700000

#### HEATER

240 V HMS-HNA-29311 3/8 x 2.75 in, 250 W

200 V HMS-HNB-20296 3/8 x 2.75 in, 250 W



### 6 modules • IA • 016-016-016-016

Cordset left of bracket • 3 ports

**LB** HMS-MB-600100000

#### HEATER

240 V HMS-HNA-29387 3/8 x 3.18 in, 250 W

200 V HMS-HNB-20293 3/8 x 3.18 in, 250 W

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RELEASED CONFIGURATIONS, BUILT FROM STOCKED SUBASSEMBLIES

## Quick Ship - Preconfigured Guns

Gun Identification and Configuration Guide

These guns are built to released HMSC drawings from stocked subassemblies, so they ship quickly. Order by the Nordson number, the HMSC configured part number or the configuration code. Each gun lists its complete subassemblies, the same part numbers you order for service, and the cordset pinout. Scan the code on a gun for its page on [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).

### What every gun includes

- Gun body and the correct heater for that body and voltage
- Modules, solenoid valves and cordset
- Inline filter, when the code calls for one
- H200 guns: the HMSC parts kit (clamp plates, insulator, plugs, wiring) and side cover kit
- MB2 and slim line guns: mounting hardware and covers are included with the body

*Slim line guns use a heater and cordset assembly sold complete. "Call" means the part is built to order: call 1-888-202-1788.*

### Reading an HMSC gun part number

HMS-BC- 4 1 02 1 0 1 23

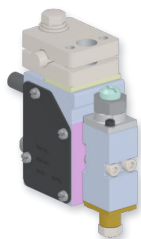
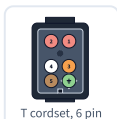
| Digit               | Meaning                                                                 |
|---------------------|-------------------------------------------------------------------------|
| BC / MB             | H200 gun (BC) or MB2 and slim line gun (MB)                             |
| Modules             | Number of modules                                                       |
| Cordset and voltage | 1 T 240 V, 2 W 240 V, 3 T 200 V, 4 W 200 V, 5 F 240 V, 6 F 200 V        |
| Body (2 digits)     | Body number: the same digits as the body part numbers on the body pages |
| Module class        | 1 standard ball and seat, 2 NC <sup>2</sup> / NC needle, 3 zero cavity  |
| Orifice             | 0 STD, 1 .008, 2 .012, 3 .016, 4 .020, 5 .032, 6 .040                   |
| Solenoid            | 0 none (XXXX or XX), 1 3A1A, 2 SP, 3 SD, 4 P1, 5 3A0B, 6 4A1A           |
| Filter (2 digits)   | Mesh: 0 none, 1 50, 2 100, 3 200. Fitting: 0 straight, 2 45°, 3 90°     |

*Example: HMS-BC-410210123 is an H200 gun, 4 modules, cordset T 240 V, body 02 (HMS-BC-400200000), standard modules, standard orifice, 3A1A solenoid, 100 mesh filter on a 90° fitting.*

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# Quick Ship - Preconfigured Guns



DIRECT REPLACEMENT FOR NORDSON

## 8503597, 8503629

**HMS-BC-110121000**

BCS-CBRC-008-01-A-CA-000-T-BA-XXXX-N0-1

Also built as BCS-SURS-008-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

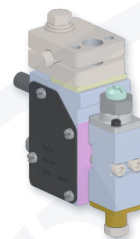
Modules HMS-M-1052928-F200

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

## 8503598, 8503630

**HMS-BC-110122000**

BCS-CBRC-012-01-A-CA-000-T-BA-XXXX-N0-1

Also built as BCS-SURS-012-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

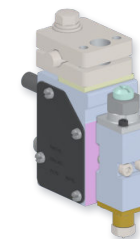
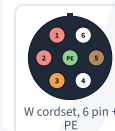
Modules HMS-M-1052929-F100

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

## 8503635, 8503980

**HMS-BC-120122000**

BCS-CBRC-012-01-A-CA-000-W-BA-XXXX-N0-1

Also built as BCS-SURS-012-01-A-CA-000-W-BA-XXXX-N0-1

Body HMS-BC-100100000

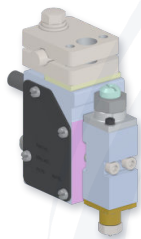
Modules HMS-M-1052929-F100

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2B38P4S

Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

## 8503599, 8503631

**HMS-BC-110123000**

BCS-CBRC-016-01-A-CA-000-T-BA-XXXX-N0-1

Also built as BCS-SURS-016-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

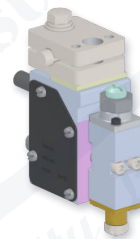
Modules HMS-M-1052931-F100

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

## 8504691

**HMS-BC-120123000**

BCS-CBRC-016-01-A-CA-000-W-BA-XXXX-N0-1

Body HMS-BC-100100000

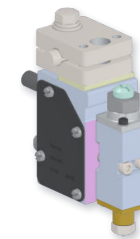
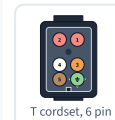
Modules HMS-M-1052931-F100

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2B38P4S

Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

## 8503600

**HMS-BC-110124000**

BCS-CBRC-020-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

Modules HMS-M-1052932-F100

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01



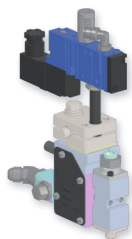
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# Quick Ship - Preconfigured Guns



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8504473, 8503717, 8528797**

**HMS-BC-110110122**

BCS-CBST-STD-01-A-CA-000-T-BA-3A1A-F4-1

Also built as BCS-SLBS-STD-01-A-CA-000-T-BA-3A1A-F4-1

Body HMS-BC-100100000

Modules T10F29B5S

Cordset T2K46M5S

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

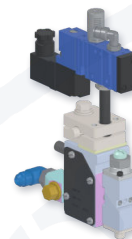
Solenoid HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8504476**

**HMS-BC-110110123**

BCS-CBST-STD-01-A-CA-000-T-BA-3A1A-F9-1

Body HMS-BC-100100000

Modules T10F29B5S

Cordset T2K46M5S

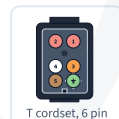
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

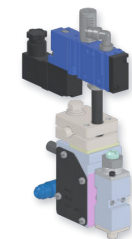
Solenoid HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8504468, 8503700**

**HMS-BC-110110103**

BCS-CBST-STD-01-A-CA-000-T-BA-3A1A-N9-1

Also built as BCS-SLBS-STD-01-A-CA-000-T-BA-3A1A-N9-1

Body HMS-BC-100100000

Modules T10F29B5S

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01

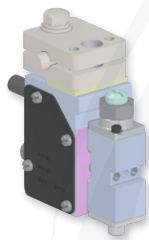
Heater HMS-HNA-34660

Solenoid HMS-0005-KIT-04

Parts kit HMS-0005-KIT-03



W cordset, 6 pin +  
PE



DIRECT REPLACEMENT FOR NORDSON

**8503640, 8503761**

**HMS-BC-120110000**

BCS-CBST-STD-01-A-CA-000-W-BA-XXXX-N0-1

Also built as BCS-SLBS-STD-01-A-CA-000-W-BA-XXXX-N0-1

Body HMS-BC-100100000

Modules T10F29B5S

Parts kit HMS-0005-KIT-03

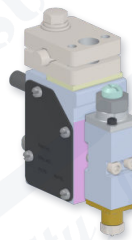
Heater HMS-HNA-34660

Cordset T2B38P4S

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8503622**

**HMS-BC-110131000**

BCS-CBZC-008-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

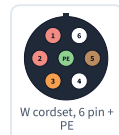
Modules HMS-M-1052928-F200

Parts kit HMS-0005-KIT-03

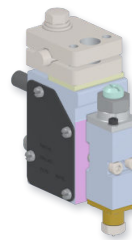
Heater HMS-HNA-34660

Cordset T2K46M5S

Cover kit HMS-0005-KIT-01



W cordset, 6 pin +  
PE



DIRECT REPLACEMENT FOR NORDSON

**8503628**

**HMS-BC-120131000**

BCS-CBZC-008-01-A-CA-000-W-BA-XXXX-N0-1

Body HMS-BC-100100000

Modules HMS-M-1052928-F200

Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660

Cordset T2B38P4S

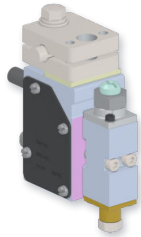
Cover kit HMS-0005-KIT-01



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# Quick Ship - Preconfigured Guns



DIRECT REPLACEMENT FOR NORDSON

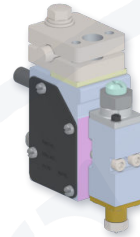
## 8504891

**HMS-BC-130131000**

BCS-CBZC-008-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052928-F200  
Parts kit HMS-0005-KIT-03

Heater HMS-HNB-34626  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

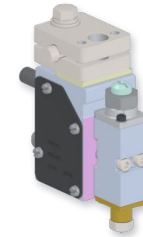
## 8503623

**HMS-BC-110132000**

BCS-CBZC-012-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

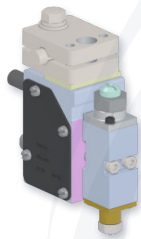
## 8503627

**HMS-BC-120132000**

BCS-CBZC-012-01-A-CA-000-W-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

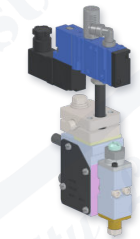
## 8503624

**HMS-BC-110133000**

BCS-CBZC-016-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

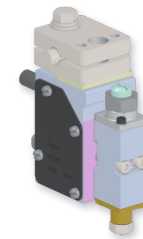
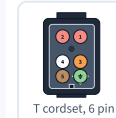
## 8505060

**HMS-BC-110134100**

BCS-CBZC-020-01-A-CA-000-T-BA-3A1A-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052932-F100  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



DIRECT REPLACEMENT FOR NORDSON

## 8503621

**HMS-BC-110134000**

BCS-CBZC-020-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052932-F100  
Parts kit HMS-0005-KIT-03

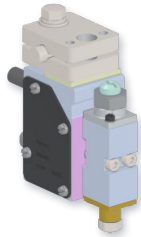
Heater HMS-HNA-34660  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



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## Quick Ship - Preconfigured Guns



DIRECT REPLACEMENT FOR NORDSON

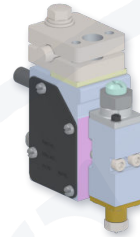
### 8503625

**HMS-BC-110135000**

BCS-CBZC-032-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1056127-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

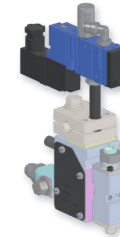
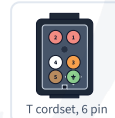
### 8503626

**HMS-BC-110136000**

BCS-CBZC-040-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1056128  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

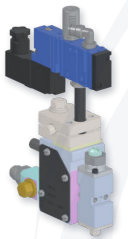
### 8518806

**HMS-BC-110110520**

BCS-SLBS-STD-01-A-CA-000-T-BA-3A0B-F0-1

Body HMS-BC-100100000  
Modules T10F29B5S  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P70C4S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

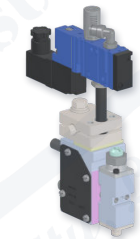
### 8503714, 8532535

**HMS-BC-110110120**

BCS-SLBS-STD-01-A-CA-000-T-BA-3A1A-F0-1

Body HMS-BC-100100000  
Modules T10F29B5S  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P70C4S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

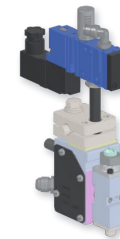
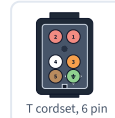
### 8504454

**HMS-BC-110110100**

BCS-SLBS-STD-01-A-CA-000-T-BA-3A1A-N0-1

Body HMS-BC-100100000  
Modules T10F29B5S  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



DIRECT REPLACEMENT FOR NORDSON

### 8504467

**HMS-BC-110110102**

BCS-SLBS-STD-01-A-CA-000-T-BA-3A1A-N4-1

Body HMS-BC-100100000  
Modules T10F29B5S  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



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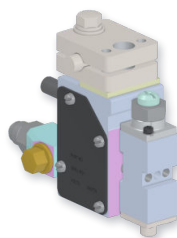




# Quick Ship - Preconfigured Guns



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8503691****HMS-BC-110110030**

BCS-SLBS-STD-01-A-CA-000-T-BA-XXXX-G0-1

Body HMS-BC-100100000

Heater HMS-HNA-34660

Modules T10F29B5S

Cordset T2K46M5S

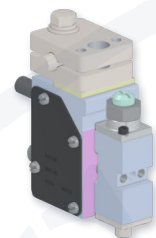
Filter T10P70C5S

Parts kit HMS-0005-KIT-03

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8503686****HMS-BC-110110000**

BCS-SLBS-STD-01-A-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

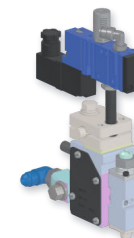
Heater HMS-HNA-34660

Modules T10F29B5S

Cordset T2K46M5S

Parts kit HMS-0005-KIT-03

Cover kit HMS-0005-KIT-01

W cordset, 6 pin +  
PE

DIRECT REPLACEMENT FOR NORDSON

**8503795****HMS-BC-120110123**

BCS-SLBS-STD-01-A-CA-000-W-BA-3A1A-F9-1

Body HMS-BC-100100000

Heater HMS-HNA-34660

Modules T10F29B5S

Solenoid HMS-0005-KIT-04

Cordset T2B38P4S

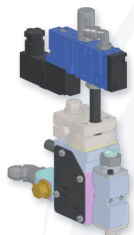
Filter T10P72C1S

Parts kit HMS-0005-KIT-03

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8503813****HMS-BC-130110122**

BCS-SLBS-STD-01-B-CA-000-T-BA-3A1A-F4-1

Body HMS-BC-100100000

Heater HMS-HNB-34626

Modules T10F29B5S

Solenoid HMS-0005-KIT-04

Cordset T2K46M5S

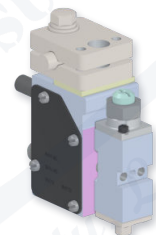
Filter T10P72C4S

Parts kit HMS-0005-KIT-03

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8503639****HMS-BC-130110000**

BCS-SLBS-STD-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000

Heater HMS-HNB-34626

Modules T10F29B5S

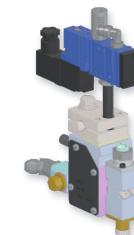
Cordset T2K46M5S

Parts kit HMS-0005-KIT-03

Cover kit HMS-0005-KIT-01



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8507503****HMS-BC-110121122**

BCS-SURS-008-01-A-CA-000-T-BA-3A1A-F4-1

Body HMS-BC-100100000

Heater HMS-HNA-34660

Modules HMS-M-1052928-F200

Solenoid HMS-0005-KIT-04

Cordset T2K46M5S

Filter T10P72C4S

Parts kit HMS-0005-KIT-03

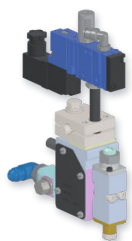
Cover kit HMS-0005-KIT-01

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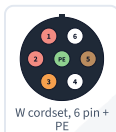
DIRECT REPLACEMENT FOR NORDSON

**8510319****HMS-BC-110121123**

BCS-SURS-008-01-A-CA-000-T-BA-3A1A-F9-1

Body HMS-BC-100100000  
Modules HMS-M-1052928-F200  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-01



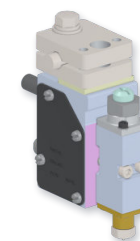
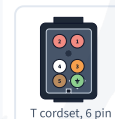
DIRECT REPLACEMENT FOR NORDSON

**8503880****HMS-BC-120121100**

BCS-SURS-008-01-A-CA-000-W-BA-3A1A-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052928-F200  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



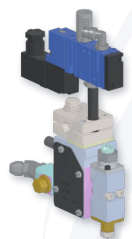
DIRECT REPLACEMENT FOR NORDSON

**8503892****HMS-BC-130121000**

BCS-SURS-008-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052928-F200  
Parts kit HMS-0005-KIT-03

Heater HMS-HNB-34626  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



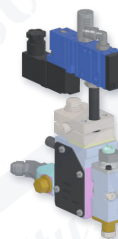
DIRECT REPLACEMENT FOR NORDSON

**8503978****HMS-BC-110122122**

BCS-SURS-012-01-A-CA-000-T-BA-3A1A-F4-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C4S  
Cover kit HMS-0005-KIT-01



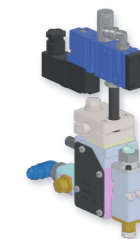
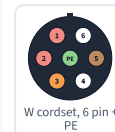
DIRECT REPLACEMENT FOR NORDSON

**8514540****HMS-BC-110122132**

BCS-SURS-012-01-A-CA-000-T-BA-3A1A-G4-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C5S  
Cover kit HMS-0005-KIT-01



DIRECT REPLACEMENT FOR NORDSON

**8503997****HMS-BC-120122123**

BCS-SURS-012-01-A-CA-000-W-BA-3A1A-F9-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Cordset T2B38P4S  
Parts kit HMS-0005-KIT-03

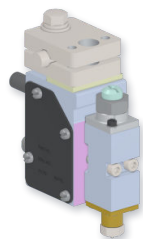
Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-01



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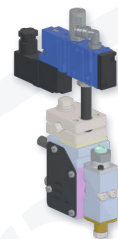
DIRECT REPLACEMENT FOR NORDSON

**8503998****HMS-BC-130122000**

BCS-SURS-012-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNB-34626  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



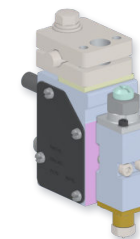
DIRECT REPLACEMENT FOR NORDSON

**8504064****HMS-BC-110123100**

BCS-SURS-016-01-A-CA-000-T-BA-3A1A-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052931-F100  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



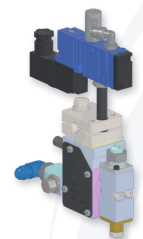
DIRECT REPLACEMENT FOR NORDSON

**8504058****HMS-BC-130123000**

BCS-SURS-016-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNB-34626  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



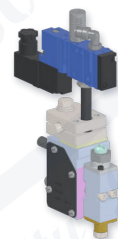
DIRECT REPLACEMENT FOR NORDSON

**8504171****HMS-BC-110124123**

BCS-SURS-020-01-A-CA-000-T-BA-3A1A-F9-1

Body HMS-BC-100100000  
Modules HMS-M-1052932-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-01



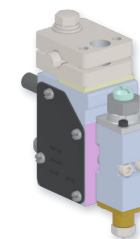
DIRECT REPLACEMENT FOR NORDSON

**8504178****HMS-BC-120124100**

BCS-SURS-020-01-A-CA-000-W-BA-3A1A-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052932-F100  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-01

Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-03



DIRECT REPLACEMENT FOR NORDSON

**8504220****HMS-BC-130124000**

BCS-SURS-020-01-B-CA-000-T-BA-XXXX-N0-1

Body HMS-BC-100100000  
Modules HMS-M-1052932-F100  
Parts kit HMS-0005-KIT-03

Heater HMS-HNB-34626  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-01



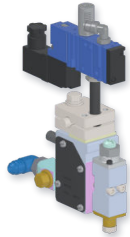
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T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

### 8532174

**HMS-BC-110125123**

BCS-SURS-032-01-A-CA-000-T-BA-3A1A-F9-1

Body HMS-BC-100100000  
Modules HMS-M-1056127-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-03

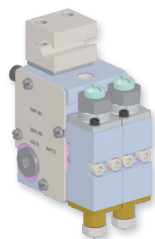
Heater HMS-HNA-34660  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-01



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DIRECT REPLACEMENT FOR NORDSON

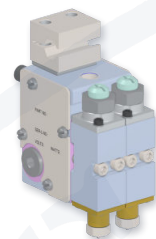
## 8505905

**HMS-BC-210121000**

BCM-CBRC-008-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x HMS-M-1052928-F200  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

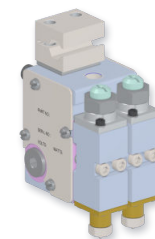
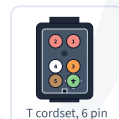
## 8505279

**HMS-BC-210122000**

BCM-CBRC-012-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

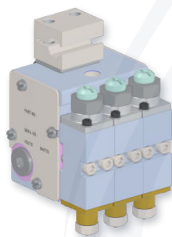
## 8505945

**HMS-BC-210222000**

BCM-CBRC-012-02-A-CA-025-T-RB-XXXX-N0-3

Body HMS-BC-200200000  
Modules 2 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

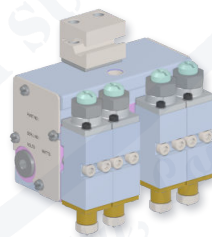
## 8505928

**HMS-BC-310122000**

BCM-CBRC-012-03-A-CA-022-022-T-RB-XXXX-N0-3

Body HMS-BC-300100000  
Modules 3 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

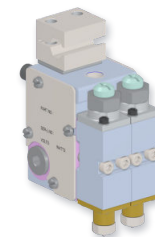
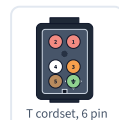
## 8505952

**HMS-BC-410422000**

BCM-CBRC-012-04-A-CA-022-038-022-T-RB-XXXX-N0-3

Body HMS-BC-400400000  
Modules 4 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34675  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8505943

**HMS-BC-210123000**

BCM-CBRC-016-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-05

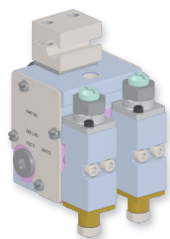
Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



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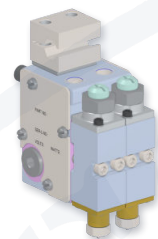
DIRECT REPLACEMENT FOR NORDSON

**8505954****HMS-BC-210423000**

BCM-CBRC-016-02-A-CA-038-T-RB-XXXX-N0-3

Body HMS-BC-200400000  
Modules 2 x HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



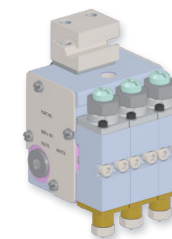
DIRECT REPLACEMENT FOR NORDSON

**8505913****HMS-BC-211423000**

BCM-CBRC-016-02-A-IA-022-T-RB-XXXX-N0-3

Body HMS-BC-201400000  
Modules 2 x HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



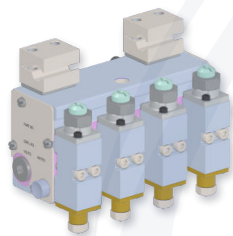
DIRECT REPLACEMENT FOR NORDSON

**8505955****HMS-BC-310123000**

BCM-CBRC-016-03-A-CA-022-022-T-RB-XXXX-N0-3

Body HMS-BC-300100000  
Modules 3 x HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



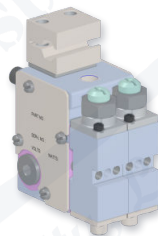
DIRECT REPLACEMENT FOR NORDSON

**8505912****HMS-BC-410524000**

BCM-CBRC-020-04-A-CA-038-038-038-T-RB-XXXX-N0-3

Body HMS-BC-400500000  
Modules 4 x HMS-M-1052932-F100  
Parts kit HMS-0005-KIT-06

Heater HMS-HNA-35576  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

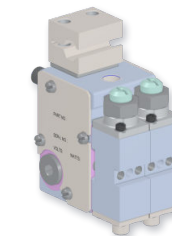
**8504842, 8504849****HMS-BC-210110000**

BCM-CBST-STD-02-A-CA-022-T-RB-XXXX-N0-3

Also built as BCM-SLBS-STD-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8505883****HMS-BC-220110000**

BCM-CBST-STD-02-A-CA-022-W-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-02

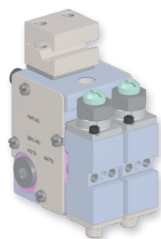
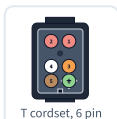


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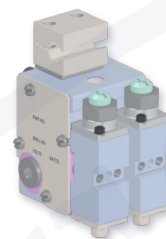
DIRECT REPLACEMENT FOR NORDSON

**8505257****HMS-BC-210210000**

BCM-CBST-STD-02-A-CA-025-T-RB-XXXX-N0-3

Body HMS-BC-200200000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



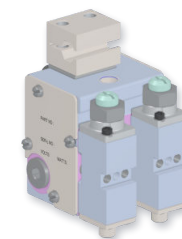
DIRECT REPLACEMENT FOR NORDSON

**8505957****HMS-BC-210310000**

BCM-CBST-STD-02-A-CA-030-T-RB-XXXX-N0-3

Body HMS-BC-200300000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

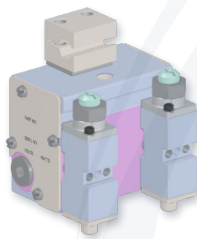
**8504843, 8504855****HMS-BC-210410000**

BCM-CBST-STD-02-A-CA-038-T-RB-XXXX-N0-3

Also built as BCM-SLBS-STD-02-A-CA-038-T-RB-XXXX-N0-3

Body HMS-BC-200400000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



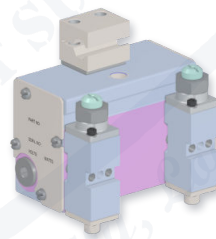
DIRECT REPLACEMENT FOR NORDSON

**8505930****HMS-BC-220710000**

BCM-CBST-STD-02-A-CA-059-W-RB-XXXX-N0-3

Body HMS-BC-200700000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34672  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-02



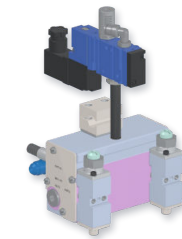
DIRECT REPLACEMENT FOR NORDSON

**8505929****HMS-BC-210910000**

BCM-CBST-STD-02-A-CA-076-T-RB-XXXX-N0-3

Body HMS-BC-200900000  
Modules 2 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34673  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8519298****HMS-BC-211010123**

BCM-CBST-STD-02-A-CA-090-T-LB-3A1A-F9-3

Body HMS-BC-201000000  
Modules 2 x T10F29B5S  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34676  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-02

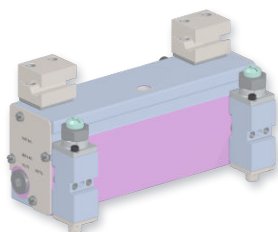
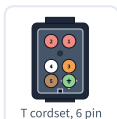


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# Quick Ship - Preconfigured Guns



DIRECT REPLACEMENT FOR NORDSON

## 8505908, 8505903

**HMS-BC-211210000**

BCM-CBST-STD-02-A-CA-162-T-RB-XXXX-N0-5

Also built as BCM-SLBS-STD-02-A-CA-162-T-RB-XXXX-N0-5

Body HMS-BC-201200000

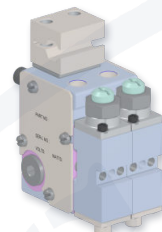
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-06

Heater HMS-HNA-34659

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8504848

**HMS-BC-211410000**

BCM-CBST-STD-02-A-IA-022-T-RB-XXXX-N0-3

Body HMS-BC-201400000

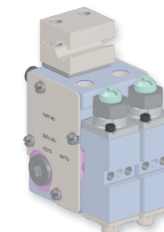
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8505981

**HMS-BC-211610000**

BCM-CBST-STD-02-A-IA-025-T-RB-XXXX-N0-3

Body HMS-BC-201600000

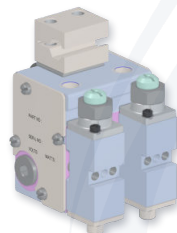
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8505264, 8504924

**HMS-BC-212110000**

BCM-CBST-STD-02-A-IA-038-T-RB-XXXX-N0-3

Also built as BCM-SLBS-STD-02-A-IA-038-T-RB-XXXX-N0-3

Body HMS-BC-202100000

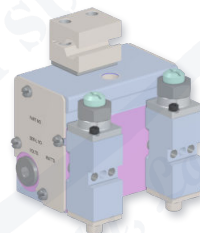
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34663

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8505277

**HMS-BC-230710000**

BCM-CBST-STD-02-B-CA-059-T-RB-XXXX-N0-3

Body HMS-BC-200700000

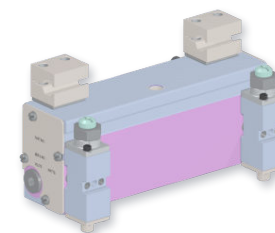
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-05

Heater HMS-HNB-34633

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8506429

**HMS-BC-231110000**

BCM-CBST-STD-02-B-CA-162-T-RB-XXXX-N0-3

Body HMS-BC-201100000

Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-06

Heater HMS-HNB-34644

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



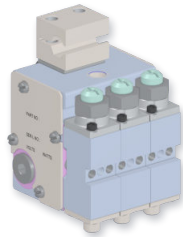
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# Quick Ship - Preconfigured Guns



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

## 8505901

**HMS-BC-310110000**

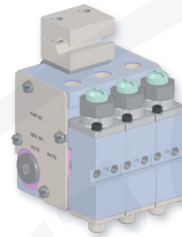
BCM-CBST-STD-03-A-CA-022-022-T-RB-XXXX-N0-3

Body HMS-BC-300100000  
Modules 3 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

## 8505911

**HMS-BC-310210000**

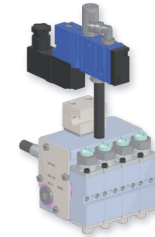
BCM-CBST-STD-03-A-IA-022-022-T-RB-XXXX-N0-3

Body HMS-BC-300200000  
Modules 3 x T10F29B5S  
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34663  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

## 8514708

**HMS-BC-410110103**

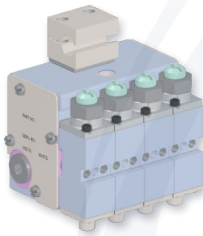
BCM-CBST-STD-04-A-CA-022-022-022-T-LB-3A1A-N9-3

Body HMS-BC-400100000  
Modules 4 x T10F29B5S  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34673  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-05



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

## 8504867, 8505258

**HMS-BC-410210000**

BCM-CBST-STD-04-A-CA-022-022-022-T-RB-XXXX-N0-3

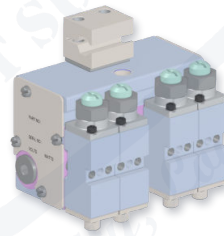
Also built as BCM-SLBS-STD-04-A-CA-022-022-022-T-RB-XXXX-N0-3

Body HMS-BC-400200000  
Modules 4 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34673  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

## 8504840

**HMS-BC-410410000**

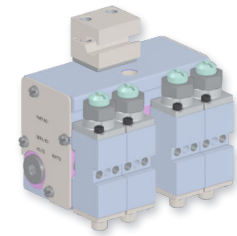
BCM-CBST-STD-04-A-CA-022-038-022-T-RB-XXXX-N0-3

Body HMS-BC-400400000  
Modules 4 x T10F29B5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34675  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



W cordset, 6 pin +  
PE



DIRECT REPLACEMENT FOR NORDSON

## 8505925

**HMS-BC-420410000**

BCM-CBST-STD-04-A-CA-022-038-022-W-RB-XXXX-N0-3

Body HMS-BC-400400000  
Modules 4 x T10F29B5S  
Parts kit HMS-0005-KIT-05

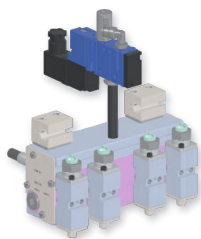
Heater HMS-HNA-34675  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-02



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DIRECT REPLACEMENT FOR NORDSON

**8516797****HMS-BC-410610103**

BCM-CBST-STD-04-A-CA-041-059-041-T-LB-3A1A-N9-3

Body HMS-BC-400600000

Modules 4 x T10F29B5S

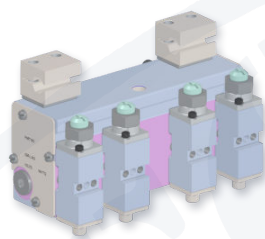
Cordset T2K46M5S

Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34677

Solenoid HMS-0005-KIT-04

Parts kit HMS-0005-KIT-06



DIRECT REPLACEMENT FOR NORDSON

**8504851****HMS-BC-410710000**

BCM-CBST-STD-04-A-CA-041-059-041-T-RB-XXXX-N0-5

Body HMS-BC-400700000

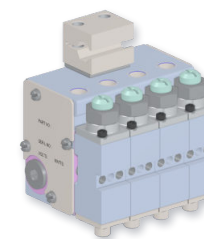
Modules 4 x T10F29B5S

Parts kit HMS-0005-KIT-06

Heater HMS-HNA-34677

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8505950****HMS-BC-410810000**

BCM-CBST-STD-04-A-IA-022-022-022-T-RB-XXXX-N0-3

Body HMS-BC-400800000

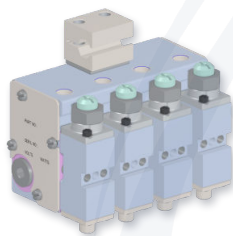
Modules 4 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34673

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8505260****HMS-BC-410910000**

BCM-CBST-STD-04-A-IA-030-030-030-T-RB-XXXX-N0-3

Body HMS-BC-400900000

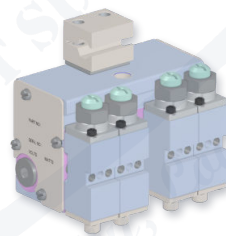
Modules 4 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34676

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8505278****HMS-BC-430410000**

BCM-CBST-STD-04-B-CA-022-038-022-T-RB-XXXX-N0-3

Body HMS-BC-400400000

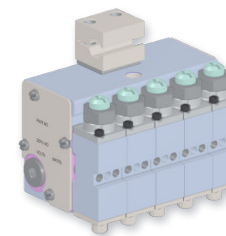
Modules 4 x T10F29B5S

Parts kit HMS-0005-KIT-05

Heater HMS-HNB-34635

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8506349****HMS-BC-510110000**

BCM-CBST-STD-05-A-CA-022-022-022-T-RB-XXXX-N0-3

Body HMS-BC-500100000

Modules 5 x T10F29B5S

Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34675

Cordset T2K46M5S

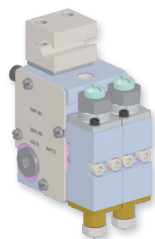
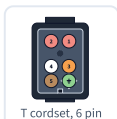
Cover kit HMS-0005-KIT-02



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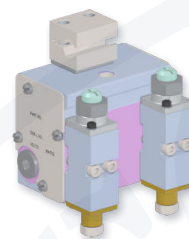
DIRECT REPLACEMENT FOR NORDSON

**8505914****HMS-BC-210132000**

BCM-CBZC-012-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



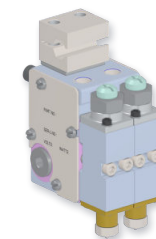
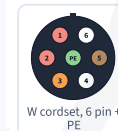
DIRECT REPLACEMENT FOR NORDSON

**8505904****HMS-BC-210732000**

BCM-CBZC-012-02-A-CA-059-T-RB-XXXX-N0-3

Body HMS-BC-200700000  
Modules 2 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34672  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



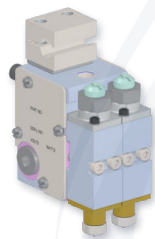
DIRECT REPLACEMENT FOR NORDSON

**8507355****HMS-BC-221432000**

BCM-CBZC-012-02-A-IA-022-W-RB-XXXX-N0-3

Body HMS-BC-201400000  
Modules 2 x HMS-M-1052929-F100  
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662  
Cordset T2B38P4S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8505946****HMS-BC-210133000**

BCM-CBZC-016-02-A-CA-022-T-RB-XXXX-N0-3

Body HMS-BC-200100000  
Modules 2 x HMS-M-1052931-F100  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02



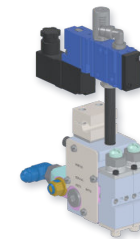
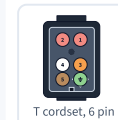
DIRECT REPLACEMENT FOR NORDSON

**8509276****HMS-BC-210110122**

BCM-SLBS-STD-02-A-CA-022-T-RB-3A1A-F4-3

Body HMS-BC-200100000  
Modules 2 x T10F29B5S  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Solenoid HMS-0005-KIT-04  
Filter T10P72C4S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8514647****HMS-BC-210110123**

BCM-SLBS-STD-02-A-CA-022-T-RB-3A1A-F9-3

Body HMS-BC-200100000  
Modules 2 x T10F29B5S  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662  
Solenoid HMS-0005-KIT-04  
Filter T10P72C1S  
Cover kit HMS-0005-KIT-02

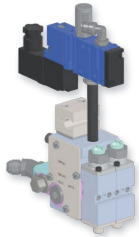


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DIRECT REPLACEMENT FOR NORDSON

## 8509277

**HMS-BC-220110122**

BCM-SLBS-STD-02-A-CA-022-W-RB-3A1A-F4-3

Body HMS-BC-200100000

Modules 2 x T10F29B5S

Cordset T2B38P4S

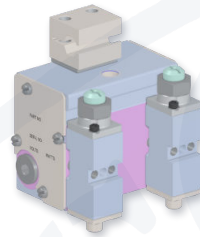
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662

Solenoid HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8504841

**HMS-BC-210710000**

BCM-SLBS-STD-02-A-CA-059-T-RB-XXXX-N0-3

Body HMS-BC-200700000

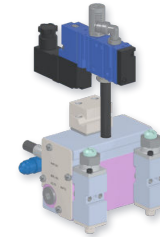
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34672

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8515851

**HMS-BC-210810133**

BCM-SLBS-STD-02-A-CA-075-T-LB-3A1A-G9-3

Body HMS-BC-200800000

Modules 2 x T10F29B5S

Cordset T2K46M5S

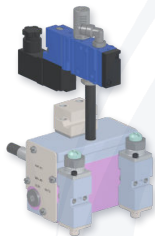
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34673

Solenoid HMS-0005-KIT-04

Filter T10P72C2S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8515967

**HMS-BC-210810103**

BCM-SLBS-STD-02-A-CA-075-T-LB-3A1A-N9-3

Body HMS-BC-200800000

Modules 2 x T10F29B5S

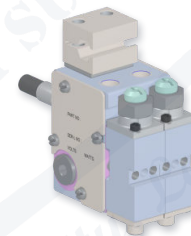
Cordset T2K46M5S

Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34673

Solenoid HMS-0005-KIT-04

Parts kit HMS-0005-KIT-05



DIRECT REPLACEMENT FOR NORDSON

## 8506782

**HMS-BC-211310000**

BCM-SLBS-STD-02-A-IA-022-T-LB-XXXX-N0-3

Body HMS-BC-201300000

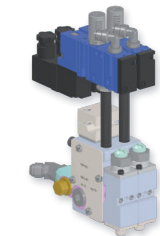
Modules 2 x T10F29B5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Cordset T2K46M5S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8522108

**HMS-BC-211410122**

BCM-SLBS-STD-02-A-IA-022-T-RB-3A1A-F4-3

Body HMS-BC-201400000

Modules 2 x T10F29B5S

Cordset T2K46M5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C4S

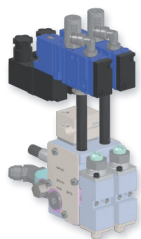
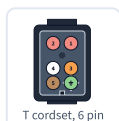
Cover kit HMS-0005-KIT-02



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DIRECT REPLACEMENT FOR NORDSON

**8524305****HMS-BC-211710122**

BCM-SLBS-STD-02-A-IA-028-T-LB-3A1A-F4-3

Body HMS-BC-201700000

Modules 2 x T10F29B5S

Cordset T2K46M5S

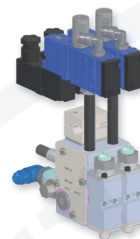
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8524306****HMS-BC-211710123**

BCM-SLBS-STD-02-A-IA-028-T-LB-3A1A-F9-3

Body HMS-BC-201700000

Modules 2 x T10F29B5S

Cordset T2K46M5S

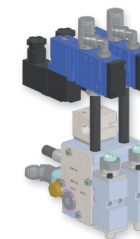
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8523609****HMS-BC-211810122**

BCM-SLBS-STD-02-A-IA-035-T-LB-3A1A-F4-3

Body HMS-BC-201800000

Modules 2 x T10F29B5S

Cordset T2K46M5S

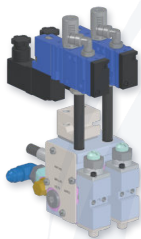
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8524307****HMS-BC-211810123**

BCM-SLBS-STD-02-A-IA-035-T-LB-3A1A-F9-3

Body HMS-BC-201800000

Modules 2 x T10F29B5S

Cordset T2K46M5S

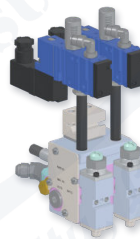
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34662

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8524308****HMS-BC-212210122**

BCM-SLBS-STD-02-A-IA-042-T-LB-3A1A-F4-3

Body HMS-BC-202200000

Modules 2 x T10F29B5S

Cordset T2K46M5S

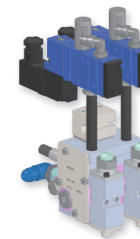
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34663

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

**8522524****HMS-BC-212210123**

BCM-SLBS-STD-02-A-IA-042-T-LB-3A1A-F9-3

Body HMS-BC-202200000

Modules 2 x T10F29B5S

Cordset T2K46M5S

Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34663

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-02

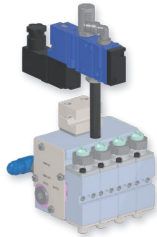


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DIRECT REPLACEMENT FOR NORDSON

## 8511813

**HMS-BC-410210123**

BCM-SLBS-STD-04-A-CA-022-022-022-T-RB-3A1A-F9-3

Body HMS-BC-400200000

Modules 4 x T10F29B5S

Cordset T2K46M5S

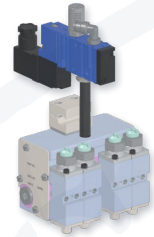
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34673

Solenoid HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8521716

**HMS-BC-410410103**

BCM-SLBS-STD-04-A-CA-022-038-022-T-RB-3A1A-N9-3

Body HMS-BC-400400000

Modules 4 x T10F29B5S

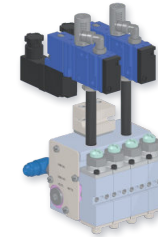
Cordset T2K46M5S

Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34675

Solenoid HMS-0005-KIT-04

Parts kit HMS-0005-KIT-05



DIRECT REPLACEMENT FOR NORDSON

## 8527699

**HMS-BC-411010613**

BCM-SLBS-STD-04-A-PA-022-022-022-T-RB-4A1A-E9-3

Body HMS-BC-401000000

Modules 4 x T10F29B5S

Cordset T2K46M5S

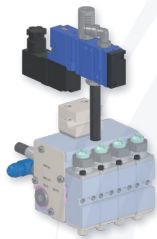
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34673

Solenoid 2 x HMS-0005-KIT-04

Filter T10P72C0S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8527253

**HMS-BC-430110123**

BCM-SLBS-STD-04-B-CA-022-022-022-T-LB-3A1A-F9-3

Body HMS-BC-400100000

Modules 4 x T10F29B5S

Cordset T2K46M5S

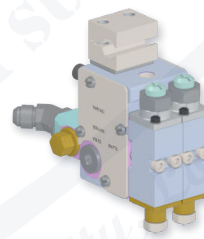
Parts kit HMS-0005-KIT-05

Heater HMS-HNB-34634

Solenoid HMS-0005-KIT-04

Filter T10P72C1S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8509363

**HMS-BC-210122122**

BCM-SURS-012-02-A-CA-022-T-RB-3A1A-F4-3

Body HMS-BC-200100000

Modules 2 x HMS-M-1052929-F100

Cordset T2K46M5S

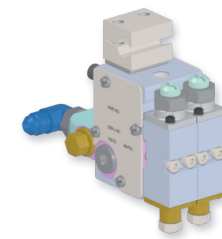
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662

Solenoid HMS-0005-KIT-04

Filter T10P72C4S

Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

## 8515786

**HMS-BC-210122123**

BCM-SURS-012-02-A-CA-022-T-RB-3A1A-F9-3

Body HMS-BC-200100000

Modules 2 x HMS-M-1052929-F100

Cordset T2K46M5S

Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34662

Solenoid HMS-0005-KIT-04

Filter T10P72C1S

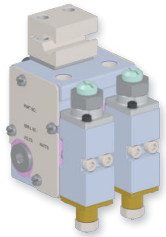
Cover kit HMS-0005-KIT-02



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DIRECT REPLACEMENT FOR NORDSON

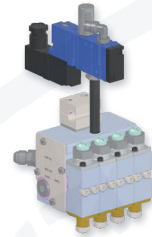
### 8518007

**HMS-BC-211922100**

BCM-SURS-012-02-A-IA-035-T-RB-3A1A-N0-3

Body HMS-BC-201900000  
Modules 2 x HMS-M-1052929-F100  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34662  
Solenoid 2 x HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-07



DIRECT REPLACEMENT FOR NORDSON

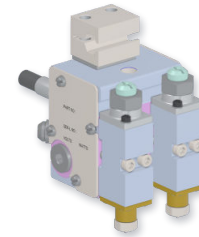
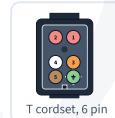
### 8516296

**HMS-BC-410222122**

BCM-SURS-012-04-A-CA-022-022-022-T-RB-3A1A-F4-3

Body HMS-BC-400200000  
Modules 4 x HMS-M-1052929-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-05

Heater HMS-HNA-34673  
Solenoid HMS-0005-KIT-04  
Filter T10P72C4S  
Cover kit HMS-0005-KIT-02



DIRECT REPLACEMENT FOR NORDSON

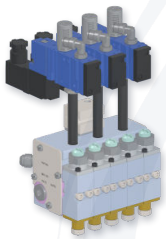
### 8517791

**HMS-BC-210523102**

BCM-SURS-016-02-A-CA-040-T-LB-3A1A-N4-3

Body HMS-BC-200500000  
Modules 2 x HMS-M-1052931-F100  
Cordset T2K46M5S  
Cover kit HMS-0005-KIT-02

Heater HMS-HNA-34663  
Solenoid HMS-0005-KIT-04  
Parts kit HMS-0005-KIT-05



DIRECT REPLACEMENT FOR NORDSON

### 8524017

**HMS-BC-510223122**

BCM-SURS-016-05-A-PA-022-022-022-022-T-RB-3A1A-F4-3

Body HMS-BC-500200000  
Modules 5 x HMS-M-1052931-F100  
Cordset T2K46M5S  
Parts kit HMS-0005-KIT-07

Heater HMS-HNA-34675  
Solenoid 3 x HMS-0005-KIT-04  
Filter T10P72C4S  
Cover kit HMS-0005-KIT-02



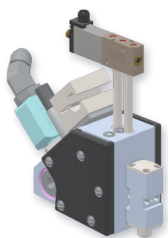
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# Quick Ship - Preconfigured Guns



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8518541****HMS-MB-110110322**

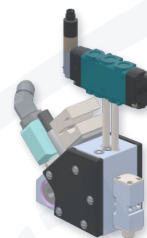
MB2-BEL-STD-01-A-IA-000-T-LB-SD-F4-3

Body HMS-MB-100100000  
Modules HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid T7K14F8S  
Filter T10P72C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8518151****HMS-MB-110110222**

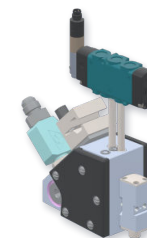
MB2-BEL-STD-01-A-IA-000-T-LB-SP-F4-3

Body HMS-MB-100100000  
Modules HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid T10N58P0S  
Filter T10P72C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8527886****HMS-MB-110210220**

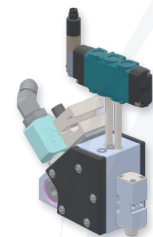
MB2-BEL-STD-01-A-IA-000-T-RB-SP-F0-3

Body HMS-MB-100200000  
Modules HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid T10N58P0S  
Filter T10P70C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8527362****HMS-MB-110210222**

MB2-BEL-STD-01-A-IA-000-T-RB-SP-F4-3

Body HMS-MB-100200000  
Modules HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid T10N58P0S  
Filter T10P72C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8526667****HMS-MB-210210222**

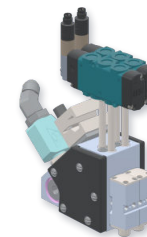
MB2-BEL-STD-02-A-CA-016-T-RB-SP-F4-3

Body HMS-MB-200200000  
Modules 2 x HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid T11B08B6S  
Filter T10P72C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8518303****HMS-MB-210610222**

MB2-BEL-STD-02-A-IA-016-T-RB-SP-F4-3

Body HMS-MB-200600000  
Modules 2 x HMS-M-1095703  
Cordset T2K46M5S

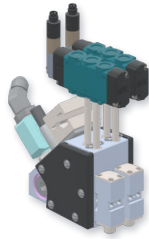
Heater HMS-HNA-28123  
Solenoid 2 x T10N58P0S  
Filter T10P72C4S



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DIRECT REPLACEMENT FOR NORDSON

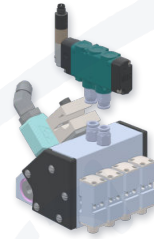
## 8517930

**HMS-MB-210710222**

MB2-BEL-STD-02-A-IA-022-T-LB-SP-F4-3

Body HMS-MB-200700000  
Modules 2 x HMS-M-1095703  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid 2 x T10N58P0S  
Filter T10P72C4S



DIRECT REPLACEMENT FOR NORDSON

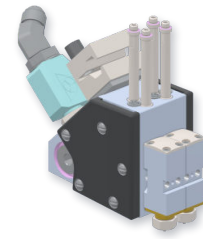
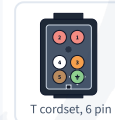
## 8530475

**HMS-MB-450110222**

MB2-BEL-STD-04-A-CA-020-020-020-F-RB-SP-F4-3

Body HMS-MB-400100000  
Modules 4 x HMS-M-1095703  
Cordset T2B38P4S

Heater HMS-HNA-21662  
Solenoid T11B08B6S  
Filter T10P72C4S



DIRECT REPLACEMENT FOR NORDSON

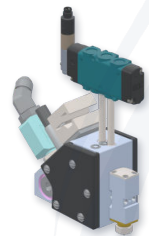
## 8507901

**HMS-MB-210621022**

MB2-NC-008-02-A-IA-016-T-RB-XX-F4-3

Body HMS-MB-200600000  
Modules 2 x HMS-M-1121479  
Filter T10P72C4S

Heater HMS-HNA-28123  
Cordset T2K46M5S



DIRECT REPLACEMENT FOR NORDSON

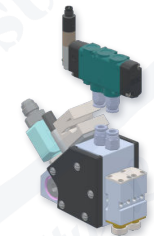
## 8527725

**HMS-MB-150122222**

MB2-NC-012-01-A-IA-000-F-LB-SP-F4-3

Body HMS-MB-100100000  
Modules HMS-M-1121480  
Cordset T2B38P4S

Heater HMS-HNA-28123  
Solenoid T10N58P0S  
Filter T10P72C4S



DIRECT REPLACEMENT FOR NORDSON

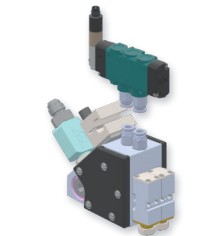
## 8529386

**HMS-MB-250122220**

MB2-NC-012-02-A-CA-016-F-LS-SP-F0-3

Body HMS-MB-200100000  
Modules 2 x HMS-M-1121480  
Cordset T2B38P4S

Heater HMS-HNA-28123  
Solenoid T11B08B6S  
Filter T10P70C4S



DIRECT REPLACEMENT FOR NORDSON

## 8529387

**HMS-MB-250222220**

MB2-NC-012-02-A-CA-016-F-RS-SP-F0-3

Body HMS-MB-200200000  
Modules 2 x HMS-M-1121480  
Cordset T2B38P4S

Heater HMS-HNA-28123  
Solenoid T11B08B6S  
Filter T10P70C4S



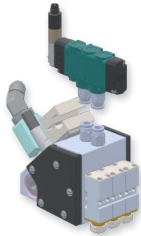
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## Quick Ship - Preconfigured Guns



F cordset, 6 pin +  
PE



DIRECT REPLACEMENT FOR NORDSON

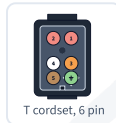
### 8530169

**HMS-MB-350122222**

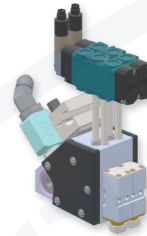
MB2-NC-012-03-A-CA-016-016-F-LB-SP-F4-3

Body HMS-MB-300100000  
Modules 3 x HMS-M-1121480  
Cordset T2B38P4S

Heater HMS-HNA-28841  
Solenoid T11B08B6S  
Filter T10P72C4S



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

### 8528045

**HMS-MB-210623222**

MB2-NC-016-02-A-IA-016-T-RB-SP-F4-3

Body HMS-MB-200600000  
Modules 2 x HMS-M-1121481  
Cordset T2K46M5S

Heater HMS-HNA-28123  
Solenoid 2 x T10N58P0S  
Filter T10P72C4S

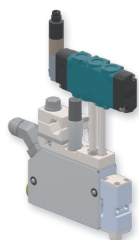


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# Quick Ship - Preconfigured Guns



DIRECT REPLACEMENT FOR NORDSON

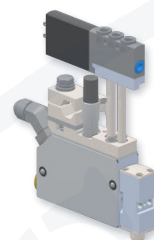
## 8527257, 1121675

**HMS-MB-150310222**

MB2-BEL-STD-01-A-IA-000-F-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130868



DIRECT REPLACEMENT FOR NORDSON

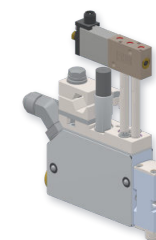
## 8533139

**HMS-MB-110310422**

MB2-BEL-STD-01-A-IA-000-T-TS-P1-F4-1

Body HMS-MB-100300000  
Solenoid T11B39A0S  
Modules T11B36H2S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130591



DIRECT REPLACEMENT FOR NORDSON

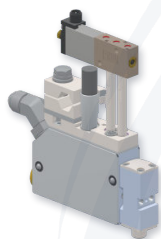
## 8517894, 8517921

**HMS-MB-110310322**

MB2-BEL-STD-01-A-IA-000-T-TS-SD-F4-1

Body HMS-MB-100300000  
Solenoid T7K14F8S  
Modules T11B36H2S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130591



DIRECT REPLACEMENT FOR NORDSON

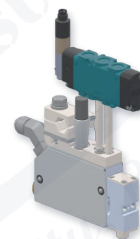
## 8518963

**HMS-MB-110310332**

MB2-BEL-STD-01-A-IA-000-T-TS-SD-G4-1

Body HMS-MB-100300000  
Solenoid T7K14F8S  
Modules T11B36H3S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130591



DIRECT REPLACEMENT FOR NORDSON

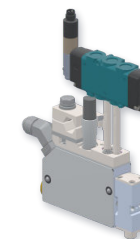
## 8517895, 8517923

**HMS-MB-110310222**

MB2-BEL-STD-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130591



DIRECT REPLACEMENT FOR NORDSON

## 8518149

**HMS-MB-110310232**

MB2-BEL-STD-01-A-IA-000-T-TS-SP-G4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H3S

Modules HMS-M-1095703  
Heater and cordset HMS-C-1130591

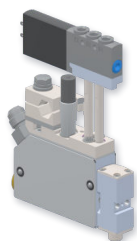


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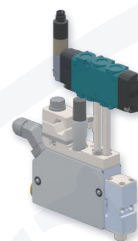
# Quick Ship - Preconfigured Guns

W cordset, 6 pin +  
PE

DIRECT REPLACEMENT FOR NORDSON

**8534865****HMS-MB-120310420**

MB2-BEL-STD-01-A-IA-000-W-TS-P1-F0-1

Body HMS-MB-100300000  
Solenoid T11B39A0S  
Modules T11B36H2SModules HMS-M-1095703  
Heater and cordset HMS-C-1130868W cordset, 6 pin +  
PE

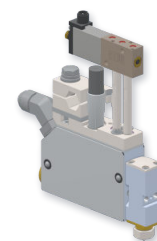
DIRECT REPLACEMENT FOR NORDSON

**8517901****HMS-MB-120310222**

MB2-BEL-STD-01-A-IA-000-W-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1095703  
Heater and cordset HMS-C-1130868

T cordset, 6 pin



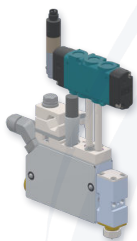
DIRECT REPLACEMENT FOR NORDSON

**8529010****HMS-MB-110321332**

MB2-NC-008-01-A-IA-000-T-TS-SD-G4-1

Body HMS-MB-100300000  
Solenoid T7K14F8S  
Modules T11B36H3SModules HMS-M-1121479  
Heater and cordset HMS-C-1130591

T cordset, 6 pin



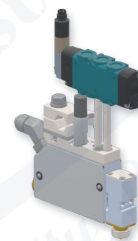
DIRECT REPLACEMENT FOR NORDSON

**8527491****HMS-MB-110321222**

MB2-NC-008-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1121479  
Heater and cordset HMS-C-1130591

T cordset, 6 pin



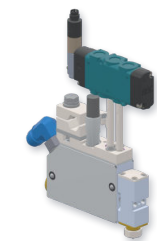
DIRECT REPLACEMENT FOR NORDSON

**8527356****HMS-MB-110321232**

MB2-NC-008-01-A-IA-000-T-TS-SP-G4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H3SModules HMS-M-1121479  
Heater and cordset HMS-C-1130591

T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8529005****HMS-MB-110321233**

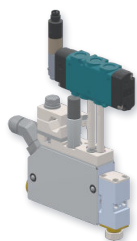
MB2-NC-008-01-A-IA-000-T-TS-SP-G9-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H3SModules HMS-M-1121479  
Heater and cordset HMS-C-1130591

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# Quick Ship - Preconfigured Guns

F cordset, 6 pin +  
PE

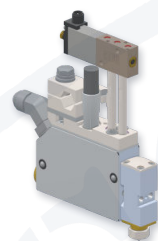
DIRECT REPLACEMENT FOR NORDSON

**8527271****HMS-MB-150322222**

MB2-NC-012-01-A-IA-000-F-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1121480  
Heater and cordset HMS-C-1130868

T cordset, 6 pin



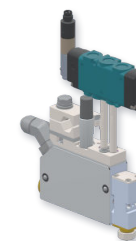
DIRECT REPLACEMENT FOR NORDSON

**8529304****HMS-MB-110322332**

MB2-NC-012-01-A-IA-000-T-TS-SD-G4-1

Body HMS-MB-100300000  
Solenoid T7K14F8S  
Modules T11B36H3SModules HMS-M-1121480  
Heater and cordset HMS-C-1130591

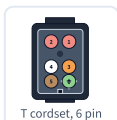
T cordset, 6 pin



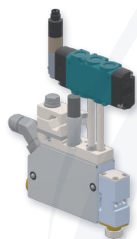
DIRECT REPLACEMENT FOR NORDSON

**8527355****HMS-MB-110322222**

MB2-NC-012-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1121480  
Heater and cordset HMS-C-1130591

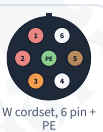
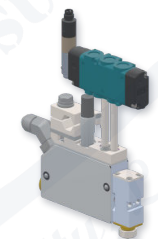
T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8529257****HMS-MB-110322232**

MB2-NC-012-01-A-IA-000-T-TS-SP-G4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H3SModules HMS-M-1121480  
Heater and cordset HMS-C-1130591W cordset, 6 pin +  
PE

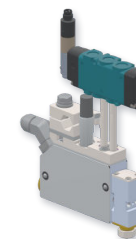
DIRECT REPLACEMENT FOR NORDSON

**8527975****HMS-MB-120322222**

MB2-NC-012-01-A-IA-000-W-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1121480  
Heater and cordset HMS-C-1130868

T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

**8527504****HMS-MB-110323222**

MB2-NC-016-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2SModules HMS-M-1121481  
Heater and cordset HMS-C-1130591

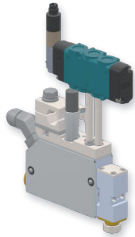
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## Quick Ship - Preconfigured Guns



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

### 8527505

**HMS-MB-110324222**

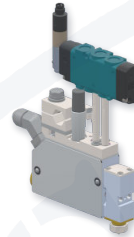
MB2-NC-020-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2S

Modules HMS-M-1121482  
Heater and cordset HMS-C-1130591



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

### 8528883

**HMS-MB-130324222**

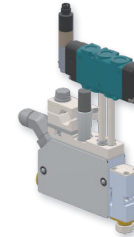
MB2-NC-020-01-B-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2S

Modules HMS-M-1121482  
Heater and cordset HMS-C-1130591



T cordset, 6 pin



DIRECT REPLACEMENT FOR NORDSON

### 8527494

**HMS-MB-110325222**

MB2-NC-032-01-A-IA-000-T-TS-SP-F4-1

Body HMS-MB-100300000  
Solenoid T10N58P0S  
Modules T11B36H2S

Modules HMS-M-1121483  
Heater and cordset HMS-C-1130591



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AD41 AND AD31 STYLE HANDGUNS

# Hand Held Applicators

Gun Identification and Configuration Guide



**AD41 style handgun,  
bottom feed**  
**T3P69F7S**  
Replaces Nordson 306957  
**240 V**



**AD41 style handgun,  
top feed**  
**T3P69M8S**  
Replaces Nordson 306988  
**240 V**



**AD41 style handgun,  
bottom feed**  
**T3P69H3S**  
Replaces Nordson 306963  
**120 V**



**AD41 style handgun,  
top feed**  
**T3P69N0S**  
Replaces Nordson 306990  
**120 V**



**AD31 style handgun**  
**T2K47H5S**  
Replaces Nordson 274765  
**240 V**



**AD31 style handgun**  
**T2K60B8S**  
Replaces Nordson 276028  
**120 V**



**AD31 style handgun**  
**T3P77A2S**  
Replaces Nordson 307712  
**115 V**



**AD31 swirl spray  
handgun, integrated  
air valve**  
**T1P12P6S**  
Replaces Nordson 101206

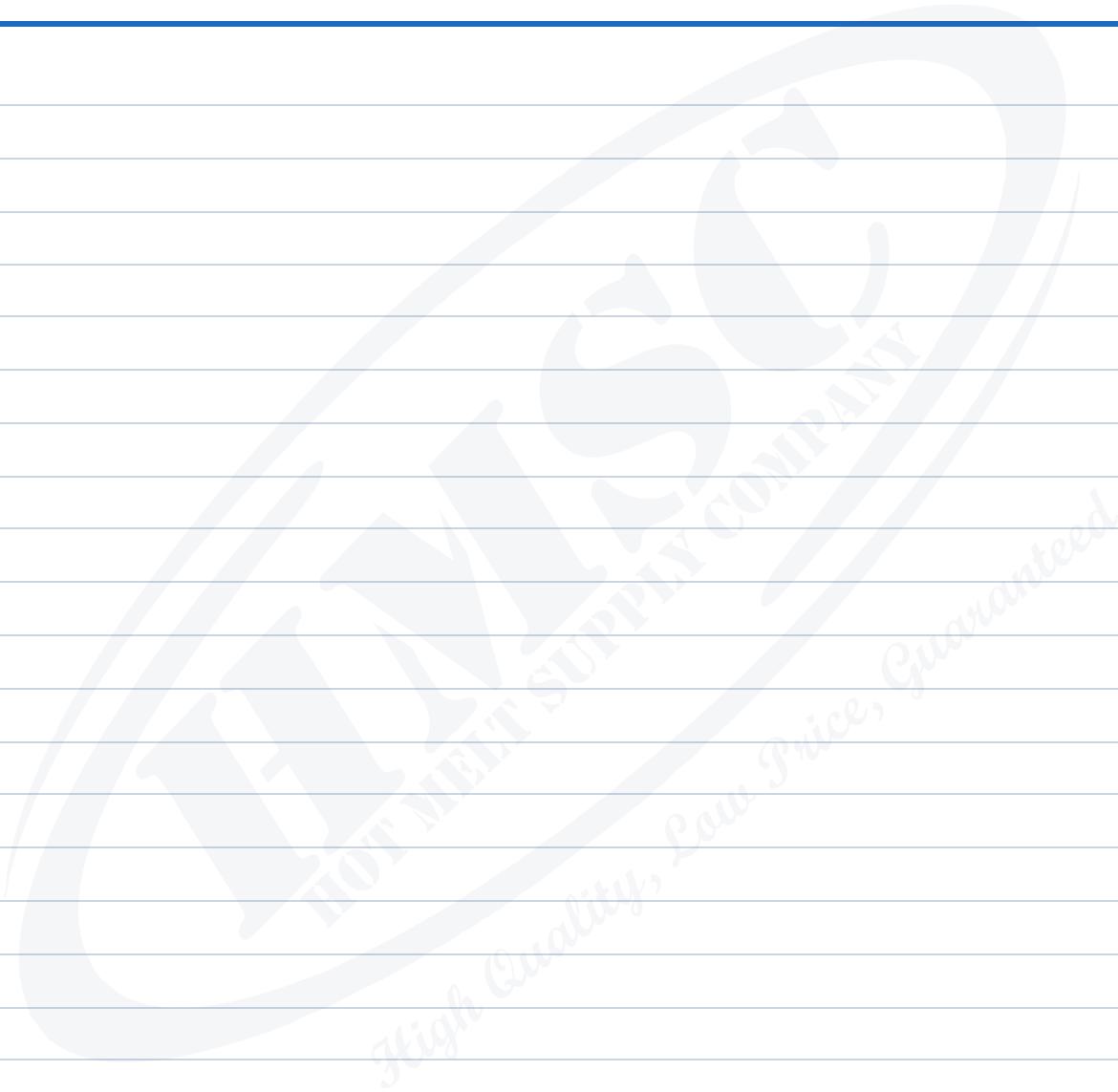


AD41 handguns use AD41 hand gun hoses (9 pin round connector and pump start switch). AD31 handguns use AD31 hand gun hoses (flying leads). Match the handgun voltage to the hose and melter. See the hose chapter for hoses and wiring.

**Not finding what you need?** We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com).



# Notes



## CHAPTER 4

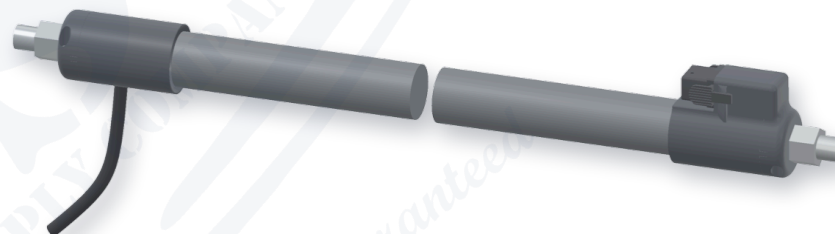
# Hoses

## Hose Identification and Ordering Guide

Packaging, washdown, hand gun and Meltex hoses. Connectors, pin faces and wiring from melter to applicator.

Revision 10/2026

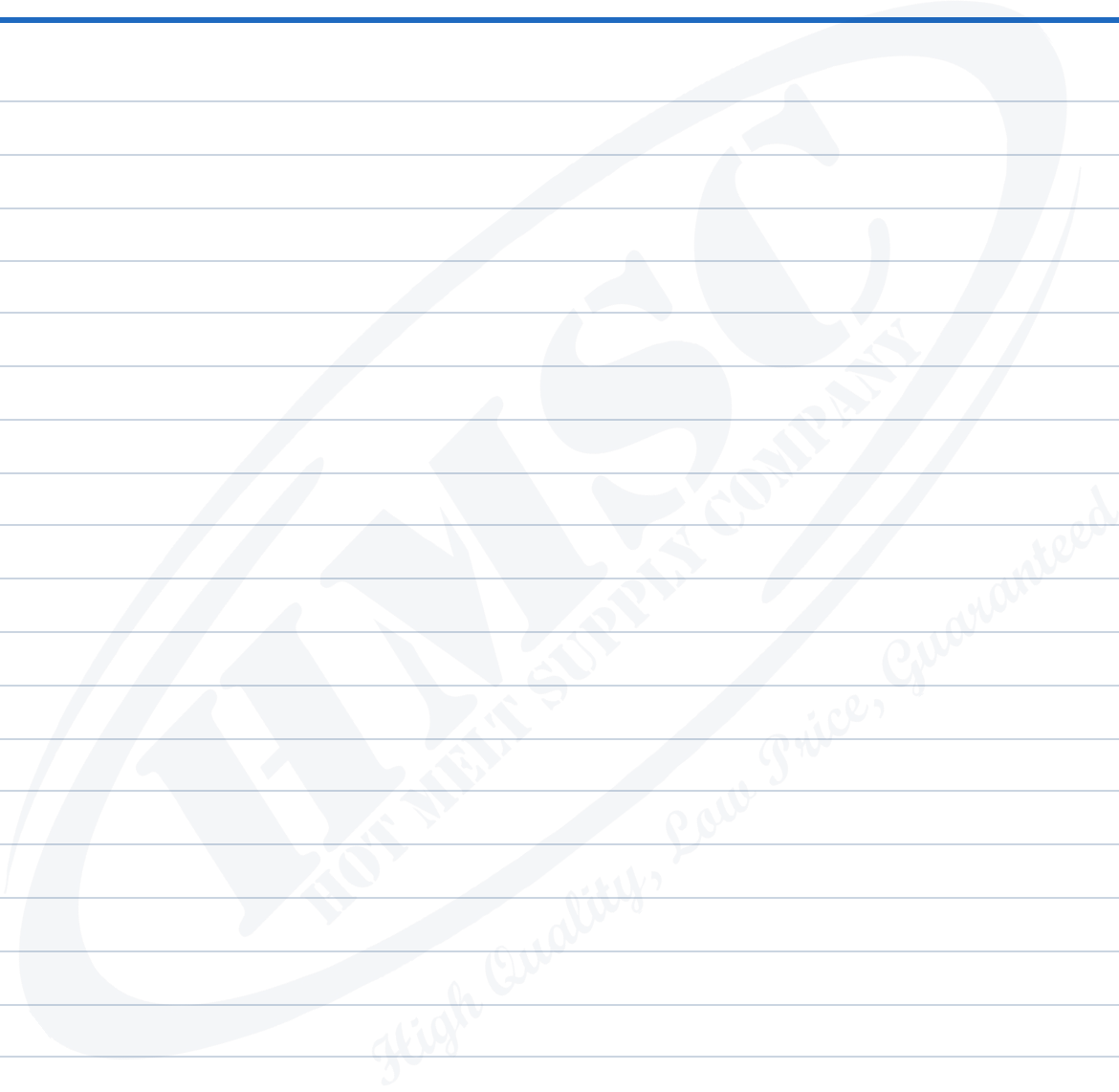
|                                              |      |
|----------------------------------------------|------|
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| Hose Connectors                              | 4-2  |
| Packaging Hose Wiring, 230/240 V             | 4-3  |
| Packaging Hoses: Standard Diameter (.312 in) | 4-4  |
| Packaging Hoses: Large Diameter (5/8 in)     | 4-5  |
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| Washdown Hoses                               | 4-7  |
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| AD41 Hand Gun Hoses, 240 V                   | 4-9  |
| AD41 Hand Gun Hose Wiring, 120 V             | 4-10 |
| AD41 Hand Gun Hoses, 120 V                   | 4-11 |
| AD31 Hand Gun Hose Wiring, 230/240 V         | 4-12 |
| AD31 Hand Gun Hoses, 240 V                   | 4-13 |
| AD31 Hand Gun Hose Wiring, 120 V             | 4-14 |
| AD31 Hand Gun Hoses, 120 V                   | 4-15 |
| Meltex / Nonwovens Hose Wiring               | 4-16 |
| Meltex / Nonwovens Hoses                     | 4-17 |
| Didn't Find Your Hose?                       | 4-19 |







# Notes

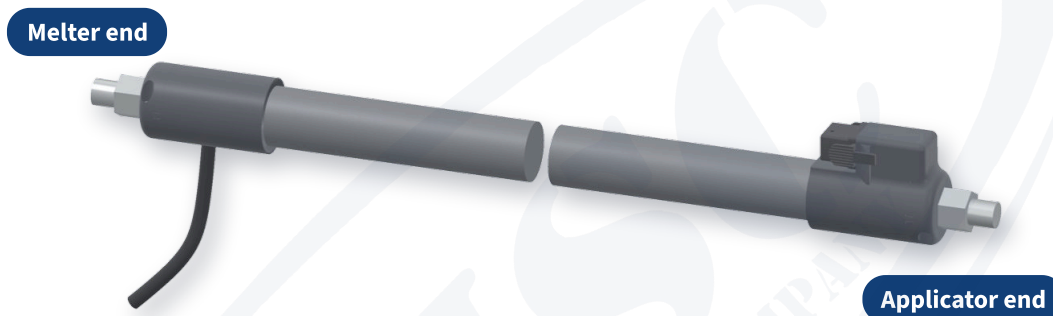




# Hose Identification and Ordering Guide

Hose Identification and Ordering Guide

Identify a hose by the connectors on each end. The melter end of every packaging, washdown and hand gun hose is the same 12 pin connector, so look at the applicator end first. The connectors are shown on the next page.



| Hose type               | Melter end                   | Applicator end      | Used on                                                                                                         |
|-------------------------|------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Packaging hose          | 12 pin                       | 6 pin (on the cuff) | Automatic packaging guns on ProBlue, 2300 and 3000 melters. Standard .312 in and large 5/8 in hoses. 230/240 V. |
| Washdown hose           | 12 pin                       | Round 6 pin + PE    | Automatic guns in washdown areas (AWW). 230/240 V only.                                                         |
| AD41 hand gun hose      | 12 pin plus 4 pin pump start | 9 pin round         | AD41 hand guns.                                                                                                 |
| AD31 hand gun hose      | 12 pin                       | Flying leads        | AD31 hand guns.                                                                                                 |
| Meltex / nonwovens hose | 15 pin                       | 7 pin plus ground   | Meltex and nonwovens systems. Pt100 or other sensor.                                                            |

## Also check

- Voltage (120 V or 230/240 V) on the hose label
- Length in feet
- Hose inside diameter: .312 in standard or 5/8 in large
- Sensor: Ni120 RTD, or Pt100 / other on Meltex hoses

**Safety.** Hoses carry line voltage and hot adhesive under pressure. Lock out power, relieve system pressure and let the hose cool before disconnecting connectors or fittings.



PIN FACES AS SEEN LOOKING INTO THE CONNECTOR

# Hose Connectors

Hose Identification and Ordering Guide



## 12 pin, melter end

Packaging, washdown and hand gun hoses. Rectangular, 12 pins plus ground in four keyed pockets. HMSC connector body and shell (Nordson 1084851 / 310515 style).



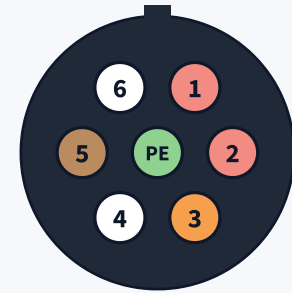
## 6 pin, applicator end

Packaging hoses. Mates with the gun cordset (Nordson 1084852 style). 230/240 V only.



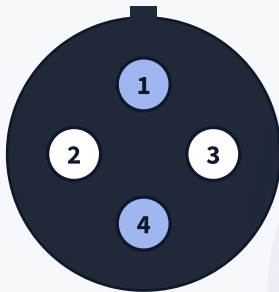
## 9 pin round, applicator end

AD41 hand gun hoses only. AMP CPC circular connector, Newark 44F8388.



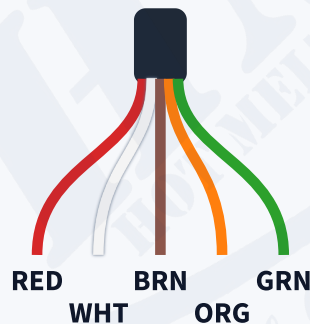
## Round 6 pin + PE, applicator end

Washdown hoses. Heater 1 and 2, RTD 3, RTD common 5, PE ground in the center. Pins 4 and 6 not used.



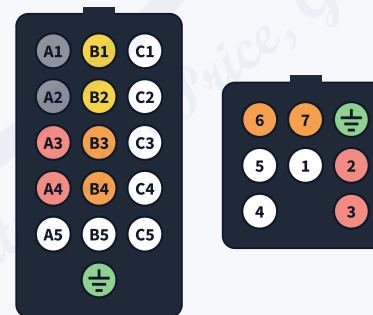
## 4 pin AMP, pump start

AD41 hoses only. Second melter end connector for the pump start switch. AMP 206430-4.



## Flying leads

AD31 hand gun hoses. Five loose wires, no connector: heater red and white, sensor brown and orange, ground green.



## 15 pin and 7 pin

Meltex / nonwovens hoses. 15 pin at the unit, 7 pin plus ground at the applicator. HMSC hoses use A1 to A4, B1 to B4 and ground.

● Gun heater ● Hose heater ● Gun sensor ● Hose sensor ● Shared sensor (RTD common) ● Switch ● Ground ○ Not used

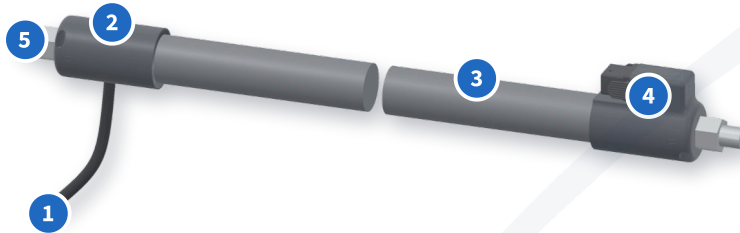


12 PIN AT THE MELTER, 6 PIN (ON THE CUFF) AT THE APPLICATOR

# Packaging Hose Wiring, 230/240 V

Hose Identification and Ordering Guide

**Packaging hose.** Automatic packaging guns on ProBlue, 2300 and 3000 melters. Standard .312 in and large 5/8 in hoses. 230/240 V.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side, with 6 pin connector
- 5 Hose fitting

## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

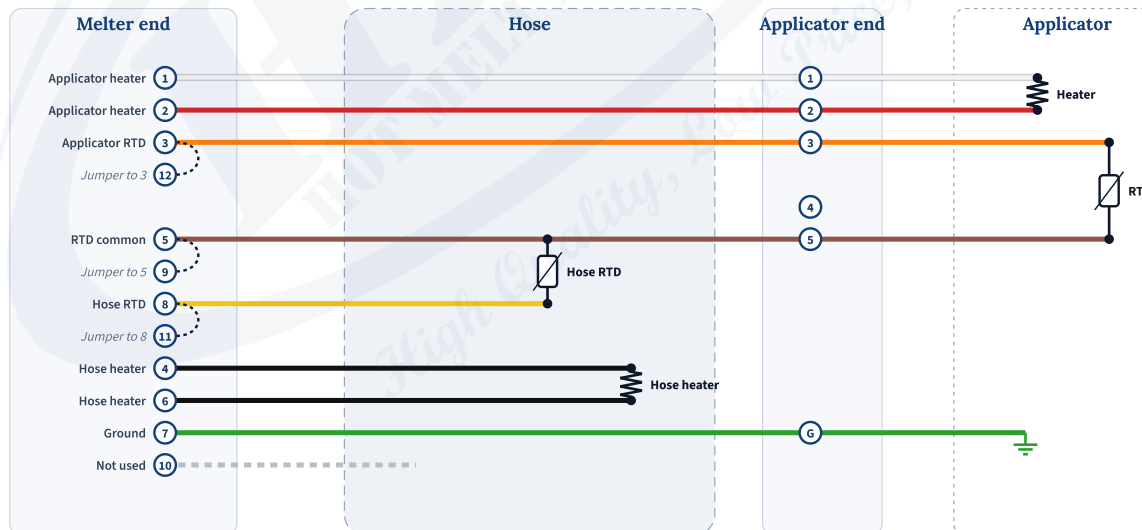
*Dotted = jumper inside the connector*



12 pin, melter end (face view)



6 pin, applicator end





# Packaging Hoses: Standard Diameter (.312 in)

Hose Identification and Ordering Guide



## Replaces Nordson 809822

SKU T8P98B2S

Also 150304

**230 V • Ni120**



## Replaces Nordson 104008

SKU T1P40P8S

Valco 981xx010

**16 ft • 230 V • High flex • Ni120**



## Replaces Nordson 274790 / 1131743

SKU T2K47N0S

Also 110691

Valco 981xx001

**2 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 274791 / 1131745

SKU T2K47N1S

Also 100120

**4 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 274792 / 1131748

SKU T2K47N2S

Also 100121

**6 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 274793 / 1131751

SKU T2K47N3S

Also 100122

Valco 981xx026

**8 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 274794 / 1131753

SKU T2K47N4S

Also 100123

**10 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 107310

SKU T1P73A0S

Valco 981xx008

**12 ft • 230 V • .312 in • High flex • Ni120**



## Replaces Nordson 274795 / 1131756

SKU T2K47N5S

Also 100124

**12 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 274796 / 1131759

SKU T2K47N6S

Also 100125, 100303

**16 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 223836 / 1510173

SKU T2B38C6S

Also 107842

Valco 981xx012

**20 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 223838

SKU T2B38C8S

**20 ft • 230 V • .312 in • High flex • Ni120**



## Replaces Nordson 274797 / 1131762

SKU T2K47N7S

Also 100126

Valco 981xx013

**24 ft • 230 V • .312 in • Ni120**

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).



## Packaging Hoses: Large Diameter (5/8 in)

Hose Identification and Ordering Guide



**Replaces Nordson 129566**  
SKU T1B95H6S  
4 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129568**  
SKU T1B95H8S  
6 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129569**  
SKU T1B95H9S  
8 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129571**  
SKU T1B95K1S  
10 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129572**  
SKU T1B95K2S  
12 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129574**  
SKU T1B95K4S  
16 ft • 200 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129575**  
SKU T1B95K5S  
4 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129576**  
SKU T1B95K6S  
6 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129577**  
SKU T1B95K7S  
8 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129578**  
SKU T1B95K8S  
10 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129580**  
SKU T1B95M0S  
12 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 129581 / 1123926**  
SKU T1B95M1S  
16 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 1010811**  
SKU T10A08A1S  
20 ft • 240 V • 5/8 in • High flex • Ni120



**Replaces Nordson 222798 / 1010813**  
SKU T2B27N8S  
24 ft • 240 V • 5/8 in • Ni120

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).



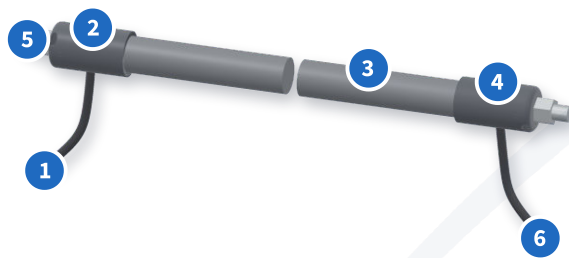


12 PIN AT THE MELTER, ROUND 6 PIN + PE AT THE APPLICATOR

# Washdown Hose Wiring

Hose Identification and Ordering Guide

**Washdown hose.** Automatic guns in washdown areas (AWW). 230/240 V only.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Applicator connector, round 6 pin + PE

## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

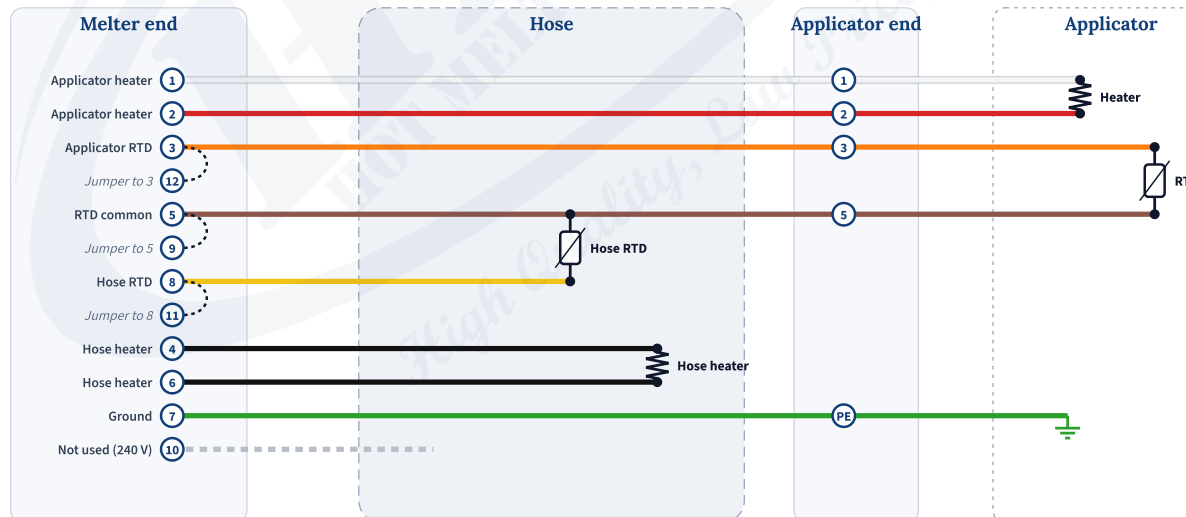
*Dotted = jumper inside the connector*



12 pin, melter end (face view)



Round 6 pin + PE, applicator end





# Washdown Hoses

Hose Identification and Ordering Guide



## Replaces Nordson 276739

SKU T2K67C9S  
Also 104141  
Valco 981xx021  
**2 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276740

SKU T2K67E0S  
Also 104142  
**4 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276741

SKU T2K67E1S  
Also 104143  
**6 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276742

SKU T2K67E2S  
Also 104144  
**8 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276743

SKU T2K67E3S  
Also 104145  
Valco 981xx027  
**10 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 143300

SKU T1E33P0S  
Valco 981xx028  
**12 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276744

SKU T2K67E4S  
**16 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 223837

SKU T2B38C7S  
Also 104148  
**20 ft • 230 V • .312 in • Ni120**



## Replaces Nordson 276745

SKU T2K67E5S  
Also 104149  
**24 ft • 230 V • .312 in • Ni120**

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).

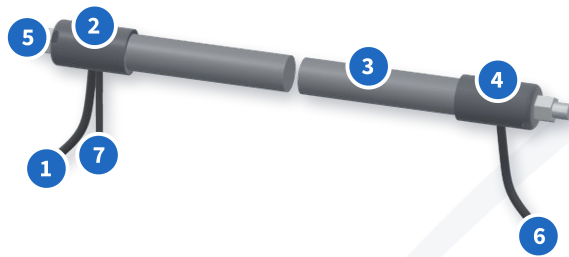


12 PIN PLUS 4 PIN PUMP START AT THE MELTER, 9 PIN ROUND AT THE APPLICATOR

# AD41 Hand Gun Hose Wiring, 230/240 V

Hose Identification and Ordering Guide

AD41 hand gun hose. AD41 hand guns.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Applicator connector, 9 pin round
- 7 Pump start cord, 4 pin AMP

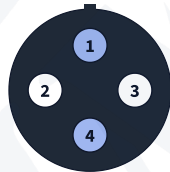
## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

*Dotted = jumper inside the connector*



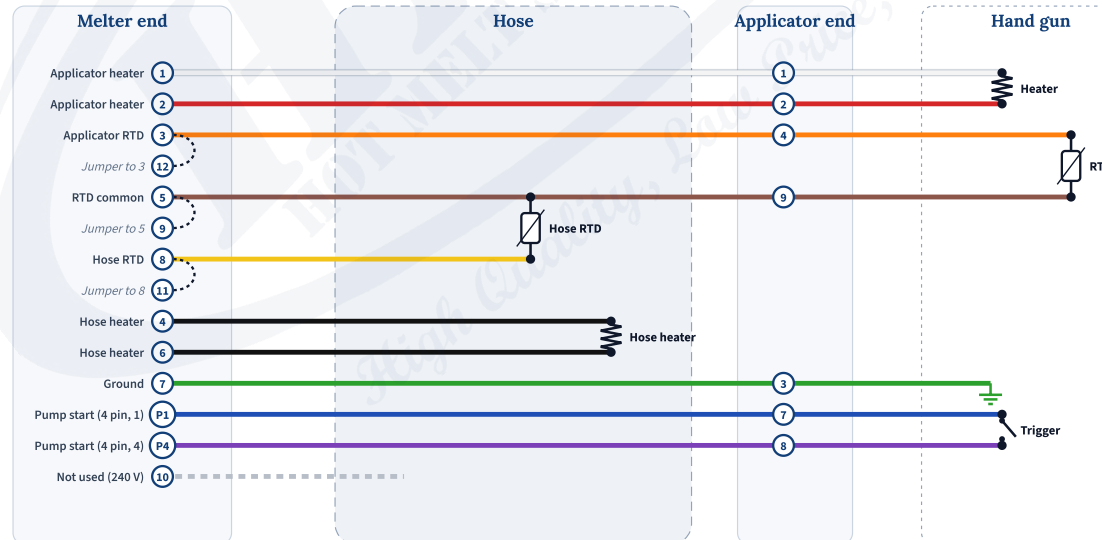
12 pin, melter end (face view)



4 pin AMP, pump start



9 pin round, applicator end





## AD41 Hand Gun Hoses, 240 V

Hose Identification and Ordering Guide



**Replaces Nordson 325763**

SKU T3B57H3S  
8 ft • 240 V • .312 in • Ni120



**Replaces Nordson 325764**

SKU T3B57H4S  
12 ft • 240 V • .312 in • Ni120



**Replaces Nordson 325765**

SKU T3B57H5S  
16 ft • 240 V • .312 in • Ni120



**Replaces Nordson 325766**

SKU T3B57H6S  
20 ft • 240 V • .312 in • Ni120



**Replaces Nordson 325767**

SKU T3B57H7S  
24 ft • 240 V • .312 in • Ni120

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).

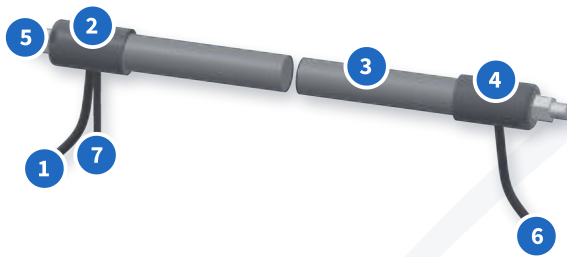


12 PIN PLUS 4 PIN PUMP START AT THE MELTER, 9 PIN ROUND AT THE APPLICATOR

# AD41 Hand Gun Hose Wiring, 120 V

Hose Identification and Ordering Guide

AD41 hand gun hose. AD41 hand guns.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Applicator connector, 9 pin round
- 7 Pump start cord, 4 pin AMP

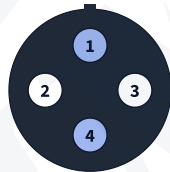
## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

*Dotted = jumper inside the connector*



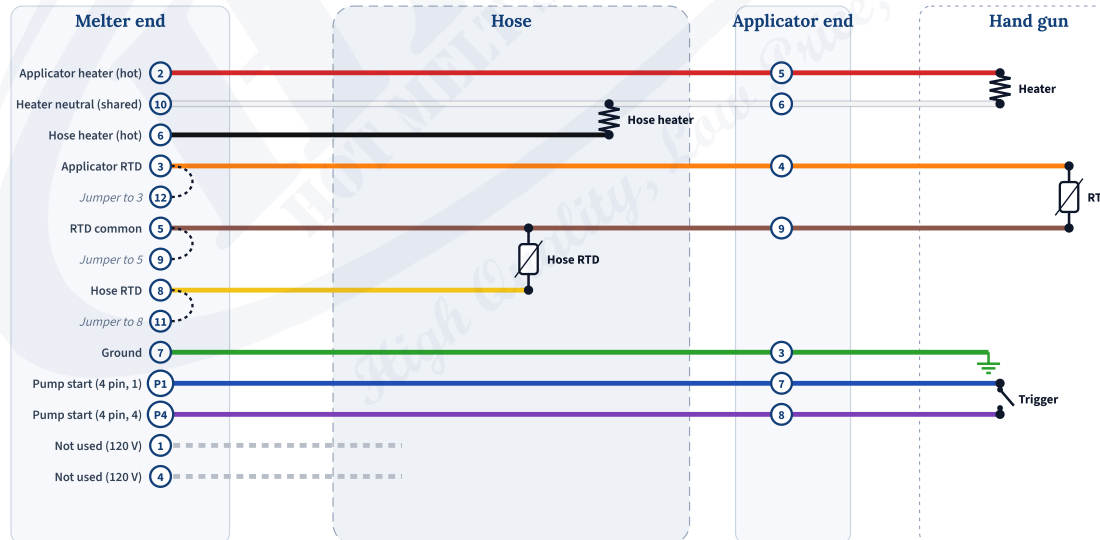
12 pin, melter end (face view)



4 pin AMP, pump start



9 pin round, applicator end (120 V)





## AD41 Hand Gun Hoses, 120 V

Hose Identification and Ordering Guide

Call to  
order

### Replaces Nordson 325779

SKU T3B57K9S  
8 ft • 120 V • .312 in • Ni120

Call to  
order

### Replaces Nordson 325780

SKU T3B57M0S  
12 ft • 120 V • .312 in • Ni120

Call to  
order

### Replaces Nordson 325781

SKU T3B57M1S  
16 ft • 120 V • .312 in • Ni120

Call to  
order

### Replaces Nordson 325782

SKU T3B57M2S  
20 ft • 120 V • .312 in • Ni120

Call to  
order

### Replaces Nordson 325783

SKU T3B57M3S  
24 ft • 120 V • .312 in • Ni120



### Replaces Nordson 307001

SKU T3P70P1S  
8 ft • 120 V • .312 in • High performance • Ni120



### Replaces Nordson 307004

SKU T3P70P4S  
20 ft • 120 V • .312 in • High performance • Ni120



### Replaces Nordson 307005

SKU T3P70P5S  
24 ft • 120 V • .312 in • High performance • Ni120

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).



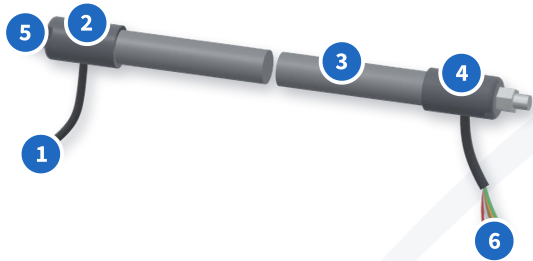


12 PIN AT THE MELTER, FLYING LEADS AT THE APPLICATOR

# AD31 Hand Gun Hose Wiring, 230/240 V

Hose Identification and Ordering Guide

AD31 hand gun hose. AD31 hand guns.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Flying leads to the hand gun

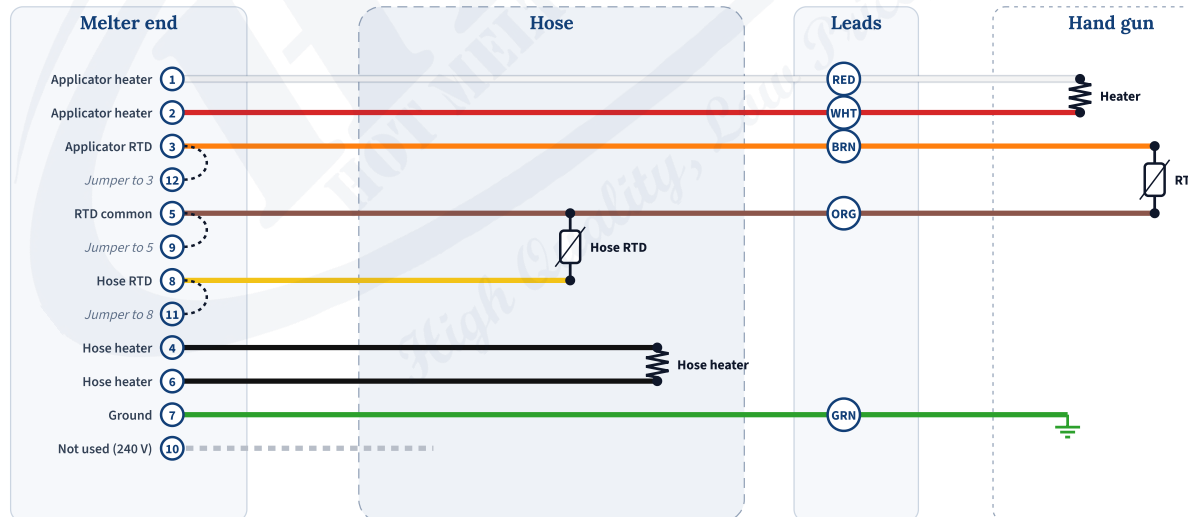
## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

Dotted = jumper inside the connector



12 pin, melter end (face view)





## AD31 Hand Gun Hoses, 240 V

Hose Identification and Ordering Guide



**Replaces Nordson 133913**

SKU T1C39A3S  
8 ft • 240 V • .312 in • Ni120



**Replaces Nordson 1044277**

SKU T10E42K7S  
12 ft • 240 V • .312 in • Ni120



**Replaces Nordson 1044278**

SKU T10E42K8S  
16 ft • 240 V • .312 in • Ni120



**Replaces Nordson 274798**

SKU T2K47N8S  
Also 110536  
8 ft • 240 V • .312 in • Corrugated cover • Ni120



**Replaces Nordson 115833**

SKU T1A58C3S  
10 ft • 240 V • .312 in • Corrugated cover • Ni120



**Replaces Nordson 130785**

SKU T1C07M5S  
12 ft • 240 V • .312 in • Corrugated cover • Ni120



**Replaces Nordson 274799**

SKU T2K47N9S  
Also 110375  
16 ft • 240 V • .312 in • Corrugated cover • Ni120



**Replaces Nordson 101354**

SKU T1P13F4S  
24 ft • 240 V • .312 in • Corrugated cover • Ni120

Scan a QR code or click a row to open the product page at [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com).

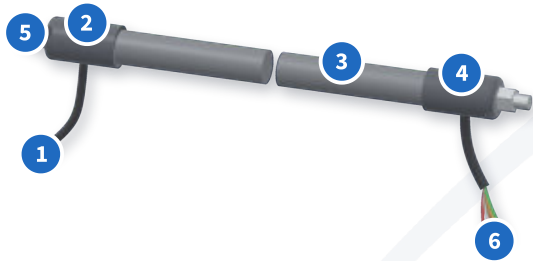


12 PIN AT THE MELTER, FLYING LEADS AT THE APPLICATOR

# AD31 Hand Gun Hose Wiring, 120 V

Hose Identification and Ordering Guide

AD31 hand gun hose. AD31 hand guns.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Flying leads to the hand gun

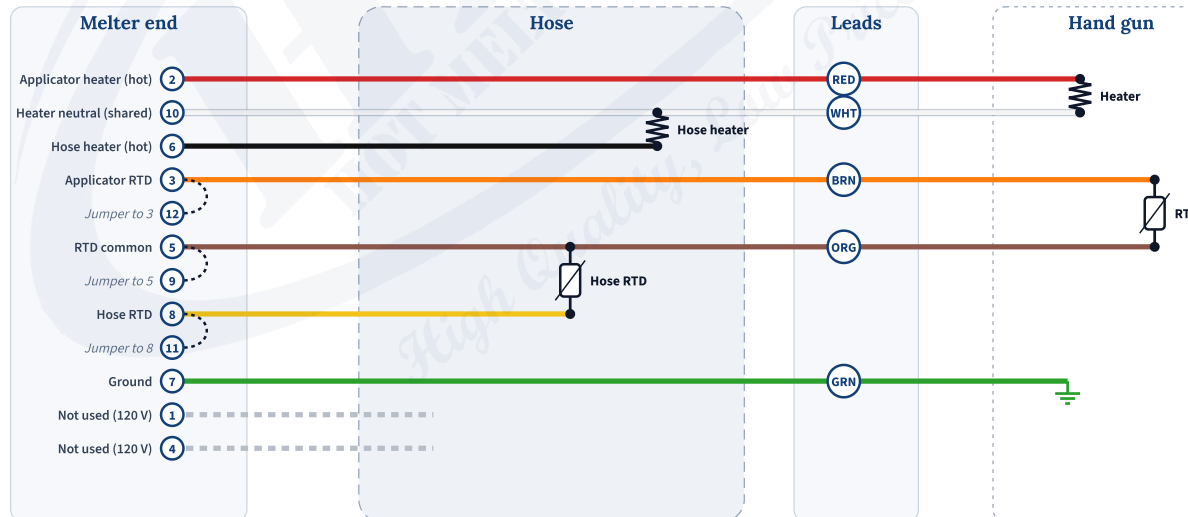
## Wire colors

- Gun heater (1 white, 2 red)
- Hose heater (4, 6 black)
- Gun RTD (3 orange)
- Hose RTD (8 yellow)
- RTD common (5 brown)
- Switch
- Ground

*Dotted = jumper inside the connector*



12 pin, melter end (face view)





# AD31 Hand Gun Hoses, 120 V

Hose Identification and Ordering Guide

|               |                                                                                     |                                                                                     |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Call to order | <b>Replaces Nordson 1039676</b><br>SKU T10C96K6S<br>8 ft • 120 V • .312 in • Ni120  |  | <b>Replaces Nordson 1039677</b><br>SKU T10C96K7S<br>12 ft • 120 V • .312 in • Ni120 |
| Call to order | <b>Replaces Nordson 1039678</b><br>SKU T10C96K8S<br>16 ft • 120 V • .312 in • Ni120 |                                                                                     |                                                                                     |

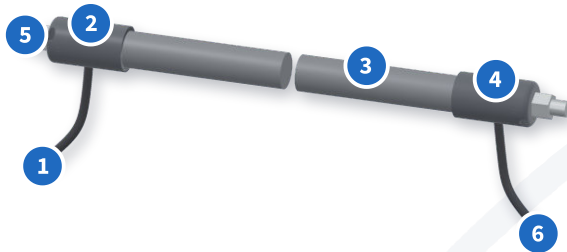


15 PIN AT THE MELTER, 7 PIN PLUS GROUND AT THE APPLICATOR

# Meltex / Nonwovens Hose Wiring

Hose Identification and Ordering Guide

**Meltex / nonwovens hose.** Meltex and nonwovens systems. Pt100 or other sensor.



- 1 Melter connector (see Hose Connectors)
- 2 Hose cuff - Melter side
- 3 Heated hose
- 4 Hose cuff - Applicator side
- 5 Hose fitting
- 6 Applicator connector, 7 pin plus ground

## Wire colors

- — Gun heater
- Hose heater (A1, A2 black)
- — Sensor
- Ground

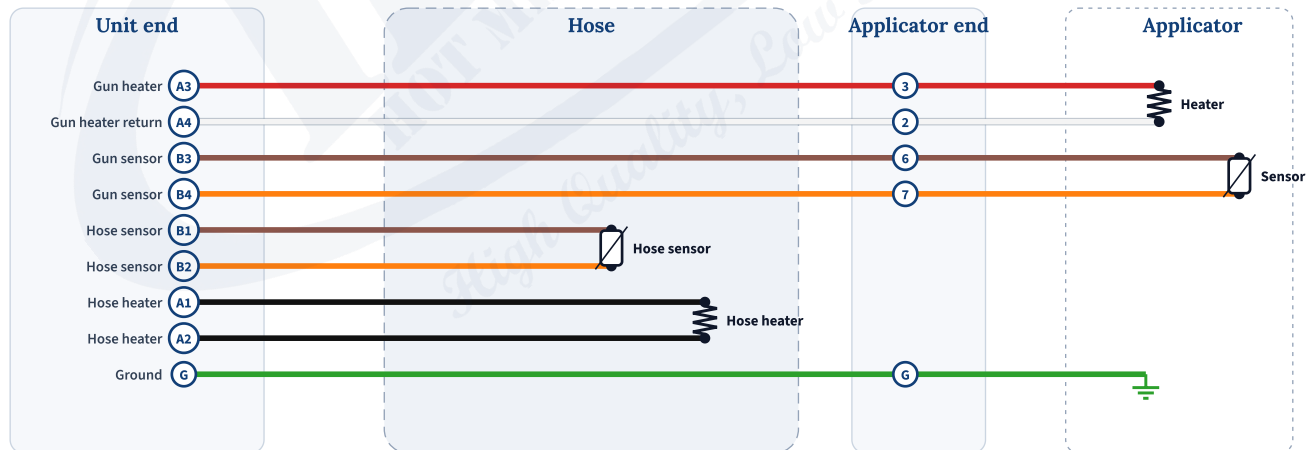
*Dotted = jumper inside the connector*



15 pin, unit end (A5, B5, C1 to C5 not used)



7 pin + ground, applicator end





# Meltex / Nonwovens Hoses

**Replaces Nordson 100705**SKU T1P07P5S  
**Pt100****Replaces Nordson 222824**SKU T2B28B4S  
**Pt100****Replaces Nordson 254513**SKU T2F45A3S  
**Pt100**  
Code TH24-8-PH**Replaces Nordson 254531**SKU T2F45C1S  
**Pt100**  
Code TC12-8-H**Replaces Nordson 254541**SKU T2F45E1S  
**Pt100**  
Code TC18-8-H**Replaces Nordson 254542**SKU T2F45E2S  
**Pt100**  
Code TC24-8-H**Replaces Nordson 254543**SKU T2F45E3S  
**Pt100**  
Code TC30-8-H**Replaces Nordson 257340**SKU T2F73E0S  
**Pt100**  
Code TC40-8-H**Replaces Nordson 149102**SKU T1E91P2S  
**230 V • Pt100**  
Code TC-18-8**Replaces Nordson 149103**SKU T1E91P3S  
**230 V • Pt100**  
Code TC-24-8**Replaces Nordson 149104**SKU T1E91P4S  
**230 V • Pt100**  
Code TC-30-8**Replaces Nordson 149105**SKU T1E91P5S  
**230 V • Pt100**  
Code TC-40-8**Replaces Nordson 149106**SKU T1E91P6S  
**230 V • Pt100**  
Code TC-50-8**Replaces Nordson 149107**SKU T1E91P7S  
**230 V • Pt100**  
Code TC-60-8**Replaces Nordson 222771**SKU T2B27K1S  
**230 V • Pt100**  
Code TC-12-8**Replaces Nordson 222772**SKU T2B27K2S  
**230 V • Pt100**  
Code TC-70-8**Replaces Nordson 222773**SKU T2B27K3S  
**230 V • Pt100**  
Code TC-74-8**Replaces Nordson 222774**SKU T2B27K4S  
**230 V • Pt100**  
Code TC-80-8**Replaces Nordson 222775**SKU T2B27K5S  
**230 V • Pt100**  
Code TC-90-8**Replaces Nordson 222776**SKU T2B27K6S  
**230 V • Pt100**  
Code TC-100-8**Replaces Nordson 222777**SKU T2B27K7S  
**230 V • Pt100**  
Code TC-024-8**Replaces Nordson 222778**SKU T2B27K8S  
**230 V • Pt100**  
Code TC-030-8





# Meltex / Nonwovens Hoses

**Replaces Nordson 222779**

SKU T2B27K9S  
**230 V • Pt100**  
Code TC-40-8

**Replaces Nordson 222780**

SKU T2B27M0S  
**230 V • Pt100**  
Code TC-50-8

**Replaces Nordson 222781**

SKU T2B27M1S  
**230 V • Pt100**  
Code TC-060-8

**Replaces Nordson 222782**

SKU T2B27M2S  
**230 V • Pt100**  
Code TC-070-8

**Replaces Nordson 222783**

SKU T2B27M3S  
**230 V • Pt100**  
Code TC-074-8

**Replaces Nordson 222784**

SKU T2B27M4S  
**230 V • Pt100**  
Code TC-080-8

**Replaces Nordson 222785**

SKU T2B27M5S  
**230 V • Pt100**  
Code TC-012-13

**Replaces Nordson 222786**

SKU T2B27M6S  
**230 V • Pt100**  
Code TC-018-13

**Replaces Nordson 222787**

SKU T2B27M7S  
**230 V • Pt100**  
Code TC-024-13

**Replaces Nordson 222788**

SKU T2B27M8S  
**230 V • Pt100**  
Code TC-030-13

**Replaces Nordson 222789**

SKU T2B27M9S  
**230 V • Pt100**  
Code TC-040-13

**Replaces Nordson 222790**

SKU T2B27N0S  
**230 V • Pt100**  
Code TC-050-13

**Replaces Nordson 222791**

SKU T2B27N1S  
**230 V • Pt100**  
Code TC-060-13

**Replaces Nordson 222792**

SKU T2B27N2S  
**230 V • Pt100**  
Code TC-070-13

**Replaces Nordson 222793**

SKU T2B27N3S  
**230 V • Pt100**  
Code TC-074-13

**Replaces Nordson 222794**

SKU T2B27N4S  
**230 V • Pt100**  
Code TC-080-13

**Replaces Nordson 222795**

SKU T2B27N5S  
**230 V • Pt100**  
Code TC-090-13

**Replaces Nordson 222796**

SKU T2B27N6S  
**230 V • Pt100**  
Code TC-100-13

**Replaces Nordson 222797**

SKU T2B27N7S  
**230 V • Pt100**  
Code TC-012-8

**Replaces Nordson 222799**

SKU T2B27N9S  
**230 V • Pt100**  
Code TC-090-8



## Didn't Find Your Hose?

Hose Identification and Ordering Guide



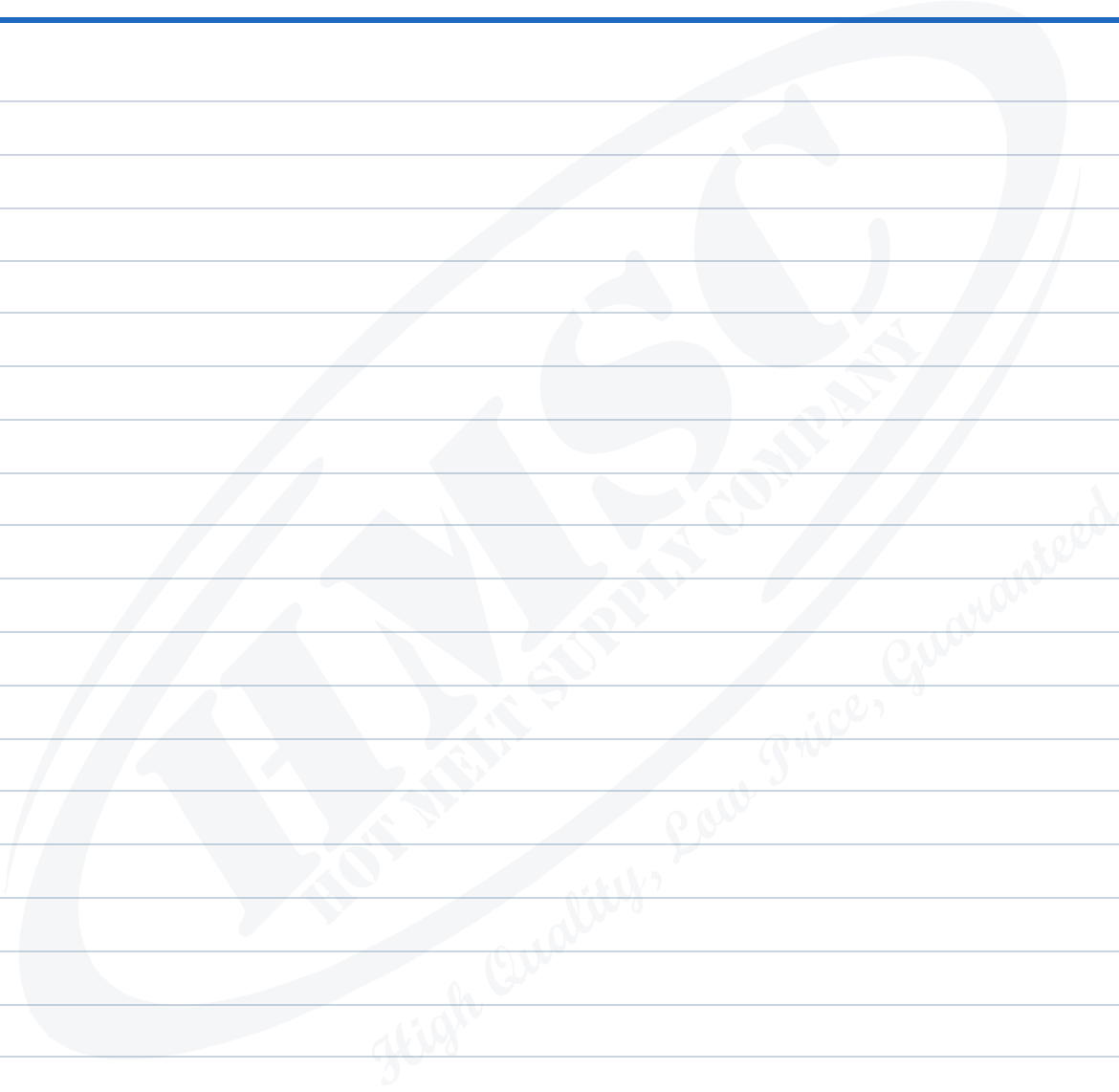
### We build hoses to order

Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com) with the Nordson part number, or tell us the connectors on each end, length, voltage, hose diameter and sensor type. See the connector page to identify each end.

Nordson, ProBlue, Meltex and AquaGuard are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation. Names are used only to identify compatible equipment. Connector and wiring information is for identification and service reference; always follow the equipment manual.



# Notes



## CHAPTER 5

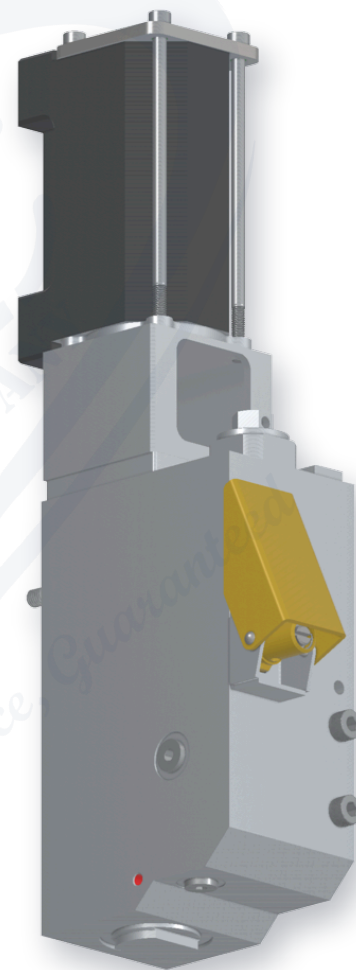
# Legacy and ProBlue Melters

## Legacy Series 7/10 and Nordson ProBlue Parts Guide

Repair parts for HMSC Legacy 7 and 10 and Nordson ProBlue 4, 7 and 10 melters: pump, manifold, filters, pneumatics and electronics.

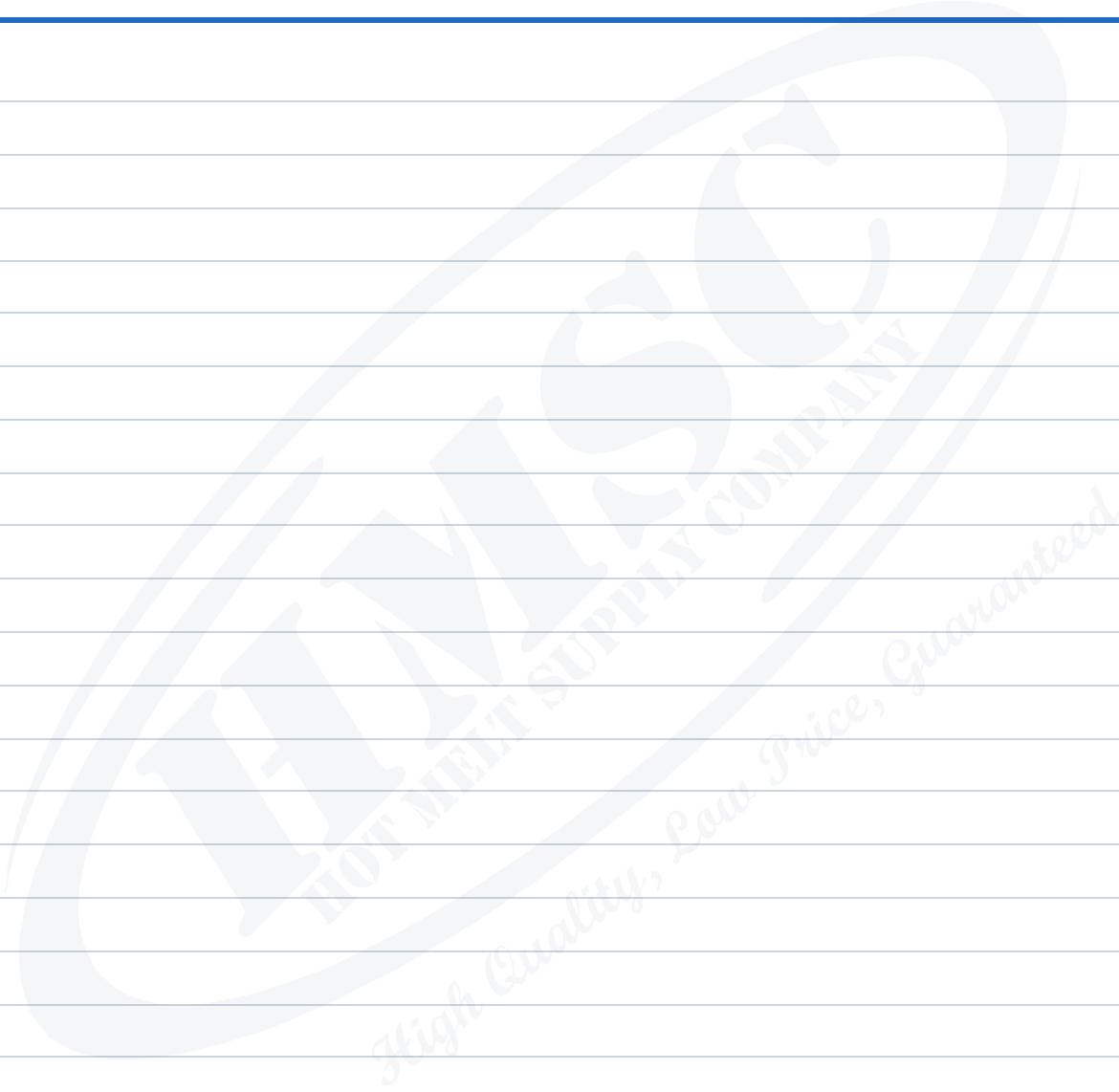
Revision 10/2026

|                                                    |      |
|----------------------------------------------------|------|
| Legacy Series 7/10 and Nordson ProBlue Parts Guide | 5-1  |
| Tank, Pump and Manifold                            | 5-2  |
| HMSC Legacy Series and ProBlue Pump                | 5-3  |
| Legacy Pump Parts                                  | 5-4  |
| Legacy Pump Parts: Air Section                     | 5-5  |
| Pump Seals, O-rings and Balls                      | 5-6  |
| Filters, Screens and Drain Valve                   | 5-7  |
| Manifold and Heater Block                          | 5-8  |
| Pneumatics                                         | 5-9  |
| Temperature and Level                              | 5-10 |
| Electronics                                        | 5-11 |
| More ProBlue Parts                                 | 5-12 |
| Spare Parts Kits                                   | 5-13 |
| Exchange Melters                                   | 5-14 |





# Notes





# Legacy Series 7/10 and Nordson ProBlue Parts Guide

Legacy Series 7/10 and Nordson ProBlue Parts Guide

## 1 Identify the melter

The model is on the ID plate and the front panel: P4, P7 or P10 (4, 7 or 10 liter tank). Most hydraulic parts are the same on all versions of the ProBlue and HMSC Legacy series melters.

## 2 Find the part

Our Legacy series melters share their hydraulic system with the ProBlue.

## 3 Order

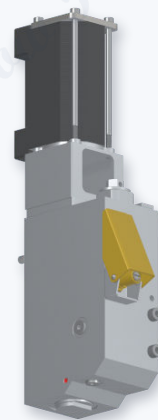
Scan the code on a part for its web page, or call 1-888-202-1788 with the HMSC or Nordson part number.

**Legacy compatibility.** All Legacy hydraulic components (pump, manifold, filter, seals, crossovers, valves) are fully compatible with ProBlue 4, 7 and 10 melters. Legacy electrical components are proprietary to HMSC. A complete electronics upgrade kit for ProBlue melters is available upon request.

Relieve system pressure and let the melter cool before opening the hydraulic system. Hot melt and heated parts cause burns. Follow the lockout and pressure relief steps in the manual.



Legacy 10 melter



Legacy pump



ProBlue melter





## LEGACY 7 FIGURE 7-1

# Tank, Pump and Manifold

Legacy Series 7/10 and Nordson ProBlue Parts Guide

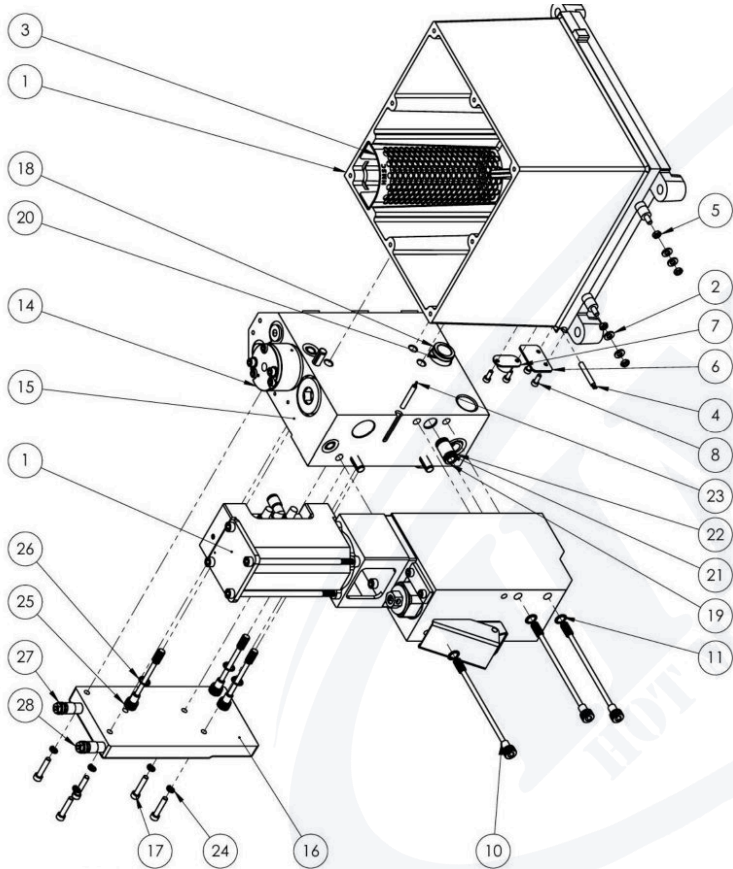


FIGURE 7-1

| Item | HMSC part                       | Description                                                | Replaces Nordson         |
|------|---------------------------------|------------------------------------------------------------|--------------------------|
| 1    | HMS-0021-300-10-000             | Tank, molded 7L, 230 V heater                              | Fits HMSC Legacy melters |
| 3    | HMS-0021-300-10-003             | Tank screen                                                | Fits HMSC Legacy melters |
| 4    | T10B83B0S <a href="#">web</a>   | RTD service kit, tank                                      | 1028320                  |
| 6    | HMS-0021-300-10-004             | RTD clamp plate                                            | Fits HMSC Legacy melters |
| 7    | T10B83B1S <a href="#">web</a>   | Thermostat service kit                                     | 1028321                  |
| 9    | HMS-1028303 <a href="#">web</a> | Legacy pump, complete                                      | 1028303                  |
| 10   | T10A70H0S                       | Pump mounting screw, M8 x 133 mm (HMS-0021-000-00-009) (3) | 1017060                  |
| 14   | T10B83P8S <a href="#">web</a>   | Pressure discharge valve                                   | 1028308                  |
| 15   | <a href="#">See page 5-8</a>    | Pump manifold (Manifold and Heater Block)                  |                          |
| 16   | T10H46E9S <a href="#">web</a>   | Manifold heating element, 230 V (480 V: T10H46F0S)         | 1064649 / 1064650        |
| 18   | T10A71M6S                       | Crossover, tank to manifold                                | 1017186                  |
| 19   | T10A71M9S                       | Crossover, pump to manifold                                | 1017189                  |
| 20   | T9E11H1S <a href="#">web</a>    | O-ring, Viton (2)                                          | 941161                   |
| 21   | T9F40A3S <a href="#">web</a>    | Backup ring, PTFE (2)                                      | 954013                   |
| 22   | T9E01C3S <a href="#">web</a>    | O-ring, Viton (2)                                          | 940133                   |
| 23   | T10B83B0S <a href="#">web</a>   | RTD service kit, manifold                                  | 1028320                  |
| 25   | T10A70H0S                       | Pump mounting screw, M8 x 133 mm (3)                       | 1017060                  |

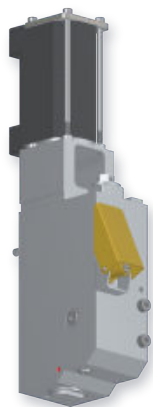
Fasteners and lubricants are not listed. Tank and tank screen are Legacy 7 parts: for a ProBlue pump inlet screen, see Filters, Screens and Drain Valve.



REPLACE THE PUMP, OR REBUILD IT WITH THE SERVICE KIT

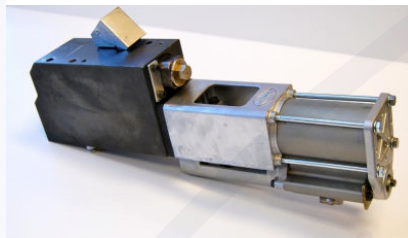
# HMSC Legacy Series and ProBlue Pump

Legacy Series 7/10 and Nordson ProBlue Parts Guide



## Legacy pump, new HMS-1028303

Replaces Nordson 1028303  
New HMSC Legacy pump.  
Drop-in replacement for the  
15:1 pump on P4, P7 and P10.



## Pump, exchange T10B83P3R

Replaces Nordson 1028303  
Refurbished and tested 15:1  
pump, 1 year limited  
warranty. Requires your core.



HMSC

## HMSC Legacy pump rebuild kit

### HMS-KIT-0021-200-1

Seals, O-rings, ball, plugs,  
mufflers, pilot valve and  
gasket for the Legacy pump.  
Includes the highlighted items  
on pages 5-4 and 5-5.

Call to  
order



## Pump service kit T10B83P4S

Replaces Nordson 1028304  
All O-rings, cups, seals and  
hardware to rebuild the  
pump.



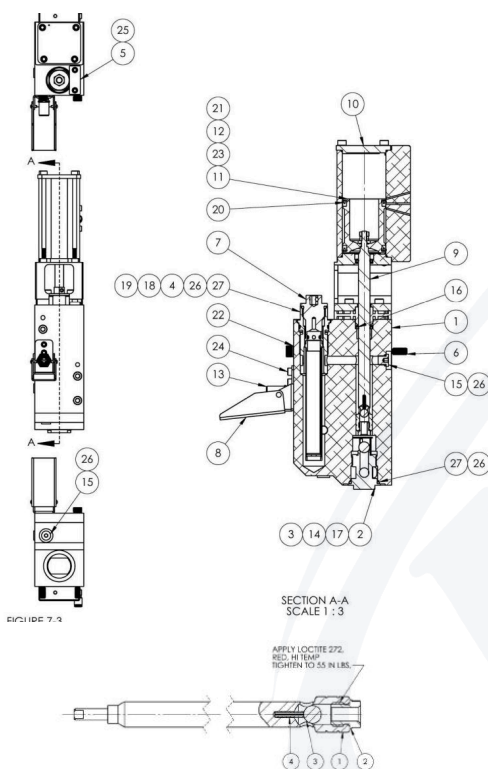
| Pump                                                | Nordson kit | HMSC                                |
|-----------------------------------------------------|-------------|-------------------------------------|
| <b>15:1 double acting (standard on P4, P7, P10)</b> | 1028303     | HMS-1028303 new, T10B83P3R exchange |
| <b>15:1 low viscosity</b>                           | 1073930     | Call                                |
| <b>6:1 double acting</b>                            | 1088212     | Call                                |



FIGURE 7-3 PUMP AND FIGURE 7-5 PISTON SHAFT

# Legacy Pump Parts

Legacy Series 7/10 and Nordson ProBlue Parts Guide



| Item | HMSC part           | Description                                             | Replaces Nordson         |
|------|---------------------|---------------------------------------------------------|--------------------------|
| 1    | T10A68H3S           | Body, pump / filter                                     | 1016863                  |
| 2    | T10A73B0S           | Lower ball seat                                         | 1017320                  |
| 3    | T5P36N6S            | Siphon ball cage                                        | 503696                   |
| 4    | T10B19F5S           | Filter housing (adapter)                                | 1021955                  |
| 5    | T10B12K0S           | Retainer plate (filter anti-rotate)                     | 1021270                  |
| 6    | T10A70H0S           | Pump mounting screw, M8 x 133 mm (3)                    | 1017060                  |
| 7    | T10B83P5S web       | Filter assembly, 100 mesh                               | 1028305                  |
| 8    | T10B27K9S           | Drain chute (purge valve cover)                         | 1022779                  |
| 9    | HMS-0021-200-05-004 | Shaft, short, for Legacy pump                           | Fits HMSC Legacy melters |
| 10   | HMS-0021-200-05-000 | Complete shifter / air section assembly, includes valve | Fits HMSC Legacy melters |
| 11   | HMS-0021-200-05-005 | Air piston                                              | Fits HMSC Legacy melters |
| 12   | HMS-0021-200-05-006 | Washer                                                  | Fits HMSC Legacy melters |
| 13   | T2K60B4S web        | Drain valve                                             | 276024                   |
| 14   | T9P00P1S web        | Ball, stainless, .500                                   | 900001                   |
| 15   | T9K35E3S web        | Plug, 7/16-20, O-ring (3)                               | 973543                   |
| 16   | T2K31C9S web        | Shaft seal                                              | 273139                   |
| 17   | T9E50C7S web        | O-ring, Viton                                           | 945037                   |
| 18   | T9E02H1S web        | O-ring, Viton                                           | 940261                   |
| 19   | T10A78E9S web       | Backup ring, PTFE                                       | 1017849                  |
| 20   | HMS-0021-200-05-008 | Air piston V-seal, 41.35 mm (2)                         | Fits HMSC Legacy melters |

Highlighted items are included in the HMSC Legacy pump rebuild kit HMS-KIT-0021-200-1.

## Piston shaft assembly (Figure 7-5)

| Item | HMSC part    | Description           | Replaces Nordson |
|------|--------------|-----------------------|------------------|
| 1    | T10A72B9S    | Piston shaft, pump    | 1017229          |
| 2    | T5P37P9S     | Seat, ball, pressure  | 503709           |
| 3    | T9P00P0S web | Ball, stainless, .375 | 900000           |
| 4    | T2K31C9S web | Spring seal           | 273139           |

Figures and item numbers are from the HMSC Legacy 7 manual (HMS-0021-USR-001). **web** = on [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com); other part numbers: call 1-888-202-1788. Nordson and ProBlue are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation.



FIGURE 7-4, AND THE PROBLUE MAGNETIC SHIFTER PARTS

## Legacy Pump Parts: Air Section

Legacy Series 7/10 and Nordson ProBlue Parts Guide

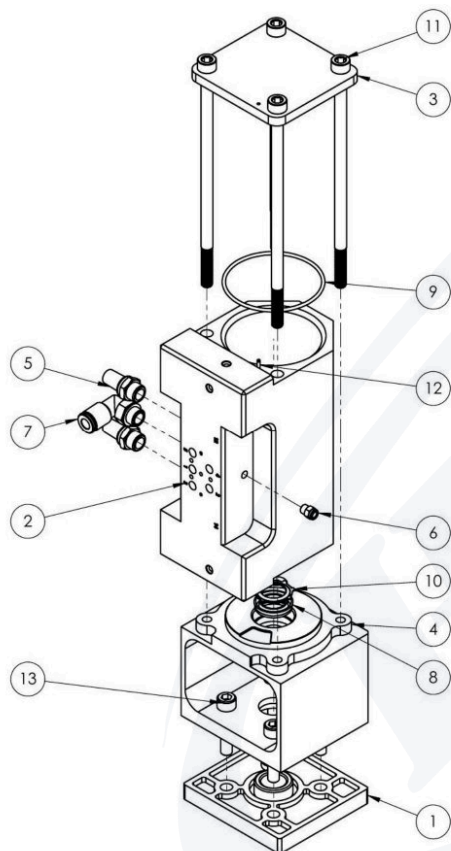


FIGURE 7-4

| Item | HMSC part                    | Description                                | Replaces Nordson         |
|------|------------------------------|--------------------------------------------|--------------------------|
| 1    | T10A73P7S                    | Insulator, pump                            | 1017307                  |
| 2    | HMS-0021-200-05-001          | Air cylinder                               | Fits HMSC Legacy melters |
| 3    | HMS-0021-200-05-002          | Head, cylinder, machined                   | Fits HMSC Legacy melters |
| 4    | HMS-0021-200-05-007          | Frame, pump, machined                      | 1016339                  |
| 5    | HMS-0021-200-05-029          | Muffler (2)                                | Fits HMSC Legacy melters |
| 7    | T10B33P7S                    | L-fitting, 6 mm tube                       | 1023307                  |
| 8    | T2K31C9S <a href="#">web</a> | Shaft seal                                 | 273139                   |
| 9    | T9E03C2S <a href="#">web</a> | O-ring, Viton (2)                          | 940332                   |
| 10   | HMS-0021-200-05-036          | Retaining ring, internal                   | Fits HMSC Legacy melters |
| 11   | HMS-0021-200-05-037          | Air cylinder mount screw (4)               | Fits HMSC Legacy melters |
| 13   | T9M21C5S                     | Screw, M6 x 30 (4)                         | 982135                   |
| 14   | HMS-D3X                      | Pilot valve, ball detent, double air pilot | Fits HMSC Legacy melters |
| 15   | HMS-DG3X-G                   | Legacy pump gasket                         | Fits HMSC Legacy melters |

Highlighted items are included in the HMSC Legacy pump rebuild kit HMS-KIT-0021-200-1.

### ProBlue magnetic shifter parts

| HMSC part | Description                        | Replaces Nordson |
|-----------|------------------------------------|------------------|
| T10B44H5S | Shifter assembly, G1/8             | 1024465          |
| T1H46P6S  | Service kit, magnetic actuator, SP | 164606           |
| T10P60B7S | Service kit, valve assembly, SP    | 1006027          |
| T1F50H8S  | Can, SP                            | 155068           |
| T9M20B8S  | Screw, socket, M5 x 20             | 982028           |
| T9M20F9S  | Screw, socket, M4 x 8              | 982059           |

The Legacy pump uses a pilot valve air section. ProBlue pumps use the magnetic shifter parts listed above. The hydraulic section is the same on both.

Figures and item numbers are from the HMSC Legacy 7 manual (HMS-0021-USR-001). [web](#) = on [www.hotmeltsupplyco.com](http://www.hotmeltsupplyco.com); other part numbers: call 1-888-202-1788. Nordson and ProBlue are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation.



EVERYTHING IN PUMP SERVICE KIT 1028304, SOLD ONE AT A TIME

# Pump Seals, O-rings and Balls

Legacy Series 7/10 and Nordson ProBlue Parts Guide

|                                                                                                                                                                                            |                                                                                                                                                                                          |                                                                                                                                                                                                 |                                                                                                                                                                                                    |                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>O-ring, .426 ID x .070</b><br><b>T9E01C3S</b><br>Replaces Nordson 940133<br>Crossover tube (2)     | <br><b>O-ring, 2.000 x 2.125 x .063</b><br><b>T9E03C2S</b><br>Replaces Nordson 940332<br>Cylinder (2)   | <br><b>O-ring, .50 x .75 x .125</b><br><b>T10A95A5S</b><br>Replaces Nordson 1019515<br>Pump to manifold      | <br><b>O-ring, .812 x 1.062 x .125</b><br><b>T9E21A1S</b><br>Replaces Nordson 942111<br>Pump to manifold        | <br><b>O-ring, .739 x .070</b><br><b>T9E01M1S</b><br>Replaces Nordson 940181<br>Pump (4) |
| <br><b>O-ring, .676 ID x .070</b><br><b>T9E01K2S</b><br>Replaces Nordson 940172<br>Piston cup stack       | <br><b>O-ring, 1.25 x 1.375 x .063</b><br><b>T9E02H1S</b><br>Replaces Nordson 940261<br>Pump            | <br><b>Backup ring, PTFE, 1.273</b><br><b>T10A78E9S</b><br>Replaces Nordson 1017849<br>Pump                  | <br><b>O-ring, 1 in tube</b><br><b>T9E50C7S</b><br>Replaces Nordson 945037<br>Lower ball seat                   | <br><b>O-ring, 3/4 in tube</b><br><b>T9E50C9S</b><br>Replaces Nordson 945039<br>Filter   |
| <br><b>O-ring, .750 x .938 x .094</b><br><b>T9E11H1S</b><br>Replaces Nordson 941161<br>Tank crossover (2) | <br><b>Backup ring, 7/16 x 9/16</b><br><b>T9F40A3S</b><br>Replaces Nordson 954013<br>Crossover tube (2) | <br><b>Cup, U, Viton</b><br><b>T9F21P0S</b><br>Replaces Nordson 952100<br>Hydraulic piston                   | <br><b>Cup, piston, SP</b><br><b>T1H30C9S</b><br>Replaces Nordson 163039<br>Air piston (2)                      | <br><b>Seal, pump</b><br><b>T2K31C9S</b><br>Replaces Nordson 273139<br>Piston shaft      |
| <br><b>Retaining ring, internal</b><br><b>T9M63C1S</b><br>Replaces Nordson 986331<br>U-cup retainer     | <br><b>Plug, O-ring, 7/16-20</b><br><b>T9K35E3S</b><br>Replaces Nordson 973543<br>Pump body (3)       | <br><b>Ball, .500, 440 stainless</b><br><b>T9P00P1S</b><br>Replaces Nordson 900001<br>Lower (siphon) valve | <br><b>Ball, .375, 440 stainless</b><br><b>T9P00P0S</b><br>Replaces Nordson 900000<br>Piston (pressure) valve | <b>Complete kit</b><br><b>T10B83P4S</b><br>Replaces Nordson 1028304<br>Also M6 screws, washers, lock nut and O-ring lubricant.                                              |

All O-rings are Viton. Replace every seal you disturb, and use high temperature O-ring lubricant on assembly.





PUMP FILTER, INLET SCREEN, DRAIN

## Filters, Screens and Drain Valve

Legacy Series 7/10 and Nordson ProBlue Parts Guide



### Pump filter, 100 mesh, with O-ring

**T10B83P5S**

Replaces Nordson 1028305 / 1021919  
Pump filter, all ProBlue melters. Change it on a schedule.



### Filter screen only

**T10B83P5S-screen**

Replaces Nordson 1028305 screen  
Replacement 100 mesh screen for the filter assembly.



### Filter O-ring

**T9E50C9S**

Replaces Nordson 945039  
3/4 in tube O-ring for the filter.



HMSC

### Pump inlet screen, P4 / P7

**T10B58M5S**

Replaces Nordson 1025885 / 1022747  
Tank outlet screen in front of the pump.

Call to  
order

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### Pump inlet screen, P10

**T10A78N2S**

Replaces Nordson 1017892  
Tank outlet screen in front of the pump.

Call to  
order



### Drain valve assembly

**T2K60B4S**

Replaces Nordson 276024  
Pump body drain valve.



Low viscosity pumps use filter 1021919 (same HMSC filter T10B83P5S). The air pre-filter is on the Pneumatics page. Relieve pressure before removing the filter.





# Manifold and Heater Block

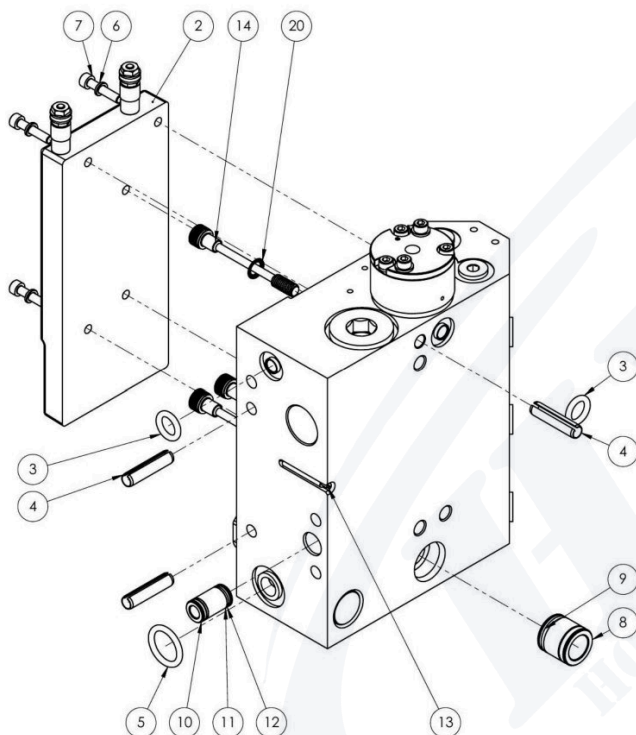


FIGURE 7-2

| Item | HMSC part                            | Description                        | Replaces Nordson  |
|------|--------------------------------------|------------------------------------|-------------------|
| 2    | <b>T10H46E9S</b> <a href="#">web</a> | Manifold heating element, 230 V    | 1064649 / 1017723 |
| 2    | <b>T10H46F0S</b> <a href="#">web</a> | Manifold heating element, 480 V    | 1064650           |
| 3    | <b>T10A95A5S</b> <a href="#">web</a> | O-ring, Viton, DASH 206 (3)        | 1019515           |
| 5    | <b>T9E20M0S</b>                      | O-ring, Viton, .796 x 1.074 x .139 | 942080            |
| 8    | <b>T10A71M6S</b>                     | Crossover, tank to manifold        | 1017186           |
| 9    | <b>T9E11H1S</b> <a href="#">web</a>  | O-ring, Viton (2)                  | 941161            |
| 10   | <b>T10A71M9S</b>                     | Crossover, pump to manifold        | 1017189           |
| 11   | <b>T9F40A3S</b> <a href="#">web</a>  | Backup ring, PTFE (2)              | 954013            |
| 12   | <b>T9E01C3S</b> <a href="#">web</a>  | O-ring, Viton (2)                  | 940133            |
| 13   | <b>T10B83B0S</b> <a href="#">web</a> | RTD service kit                    | 1028320           |
| 25   | <b>T10B83P8S</b> <a href="#">web</a> | Pressure discharge valve           | 1028308           |

## Manifold service kit

**T10B83P9S**  
Replaces Nordson  
1028309  
O-rings and lubricant.



## Heater block, 230 V

**T10H46E9S**  
Replaces Nordson  
1064649



## Heater block, 480 V

**T10H46F0S**  
Replaces Nordson  
1064650



| HMSC part        | Description                                   | Replaces Nordson |
|------------------|-----------------------------------------------|------------------|
| <b>T10H46F3S</b> | Manifold kit with heater block, 6 hose, 230 V | 1064653          |
| <b>T10H46F4S</b> | Manifold kit with heater block, 6 hose, 480 V | 1064654          |



# Pneumatics



**Pressure control panel**  
**T10B83P7S**

Replaces Nordson 1028307  
Regulator and gauge panel.



**Pressure discharge valve**  
**T10B83P8S**

Replaces Nordson 1028308  
PDV with screws and tee.



**Air pre-filter**  
**T10B32H7S**

Replaces Nordson 1023267  
Air filter assembly, 6 mm BSPP.



| HMSC part | Description                              | Replaces Nordson |
|-----------|------------------------------------------|------------------|
| T10B33P7S | Elbow, male, 6 mm tube x G1/8            | 1023307          |
| T10A95A1S | Tee, run, 6 mm tube, G1/8                | 1019511          |
| T10B38F3S | Tubing, regulator to PDV, 6 mm (yellow)  | 1023853          |
| T10B38F4S | Tubing, filter to regulator, 6 mm (blue) | 1023854          |



RTD, OVER-TEMPERATURE THERMOSTAT, LEVEL SWITCH

## Temperature and Level

Legacy Series 7/10 and Nordson ProBlue Parts Guide



### RTD, 120 ohm nickel

#### T10B83B0S

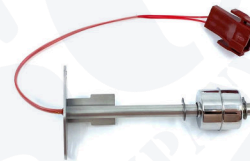
Replaces Nordson 1028320  
Tank and manifold sensor, 2  
per melter. Kit with screw,  
terminal block and thermal  
compound.



### Thermostat, 500 degree

#### T10B83B1S

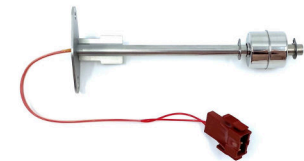
Replaces Nordson 1028321  
Over-temperature (OOR)  
thermostat, push-on, with  
screws and compound.



### Level switch kit, P4 / P7

#### T10C89K1S

Replaces Nordson 1038971  
Tank level switch with nuts.



### Level switch kit, P10

#### T10C89K2S

Replaces Nordson 1038972  
Tank level switch with nuts.



Use thermal compound on the RTD and thermostat.



BOARD REPAIR SERVICE, CPU, POWER AND FUSES

## Electronics

Legacy Series 7/10 and Nordson ProBlue Parts Guide



### Hose / applicator module, repair service

#### TR10B83B8S

Replaces Nordson 1028328  
We repair your module.  
Drives two hose and  
applicator pairs.



HMSC

### Main board P10, repair service

#### TR10B83B3S

Replaces Nordson 1028323  
We repair your main board.



### Main board P4 / P7, repair service

#### TR10B83B2S

Replaces Nordson 1028322  
We repair your main board.

Call to  
order

### CPU / display board

#### 1028325

Replaces Nordson 1028325  
P4, P7 and P10.



### Transformer power board

#### HMS-1041662

Replaces Nordson 1041662  
400 / 480 V melters.



### Main board fuse kit

#### T10B83B9S

Replaces Nordson 1028329  
15 A and 2 A fuses with  
covers.



### Module fuses, pack of 5

#### T10B83C1S

Replaces Nordson 1028331  
6.3 A fast acting, 5 x 20 mm.



HMSC

### 6 hose expansion board

#### HMS-1028324

Replaces Nordson 1028324  
P10 expansion to 6 hoses.

Call to  
order

**Electronics upgrade.** Legacy electrical components are proprietary to HMSC. A complete electronics upgrade kit for ProBlue melters (power board, touch screen HMI, cable, bezel and panel) is available upon request.



## More ProBlue Parts

### Pump hardware and 6:1 pump parts

| HMSC part        | Description                  | Replaces Nordson |
|------------------|------------------------------|------------------|
| <b>T10H54E5S</b> | Cup, piston, 6:1 (2)         | 1065445          |
| <b>T10H54E6S</b> | Washer, piston seal, 6:1     | 1065446          |
| <b>T10H54E7S</b> | Washer, piston cup, 6:1 (2)  | 1065447          |
| <b>T9E13E0S</b>  | O-ring, -134, Viton, 6:1 (2) | 941340           |
| <b>T9M21E7S</b>  | Screw, hex cap, M6 x 120 (4) | 982147           |
| <b>T9M22C7S</b>  | Screw, hex cap, M6 x 35 (4)  | 982237           |
| <b>T9M21C5S</b>  | Screw, hex cap, M6 x 30      | 982135           |
| <b>T9M27M0S</b>  | Screw, socket, M5 x 10 (2)   | 982780           |
| <b>T9M34A0S</b>  | Washer, flat, M6             | 983410           |
| <b>T9M34P9S</b>  | Washer, lock, split, M6      | 983409           |
| <b>T10H41F7S</b> | Nut, hex, lock, M6           | 1064157          |
| <b>T9M53P2S</b>  | Pin, roll, .125 x .500       | 985302           |
| <b>T9M54P1S</b>  | Pin, roll, .188 x 1.000 (2)  | 985401           |

### Chassis, switch and lubricants

| HMSC part           | Description                                  | Replaces Nordson |
|---------------------|----------------------------------------------|------------------|
| <b>T10A79E7S</b>    | Switch, rocker, SPST, 250 V, 16 A            | 1017947          |
| <b>T10A88B1S</b>    | Plate, conduit, chassis                      | 1018821          |
| <b>1018819-Coat</b> | Sub-base, P7 / P10, powder coated (exchange) | 1018819          |
| <b>1021660-Coat</b> | Chassis, P4, powder coated (exchange)        | 1021660          |
| <b>1018822-Coat</b> | Chassis, P7 / P10, powder coated (exchange)  | 1018822          |
| <b>1051033-Coat</b> | Tank, P4, 230 V, PTFE coated (exchange)      | 1051033          |
| <b>T11B02P1S</b>    | Lubricant, O-ring, NSF-H1, tube              | 1120201 / 900493 |
| <b>T9P04N3S</b>     | Lubricant, high temperature                  | 900493           |
| <b>T11B02N0S</b>    | Lubricant, SP pump, high temperature         | 1120290 / 211228 |
| <b>HMS-900344</b>   | Lubricant, Never-Seez, 8 oz                  | 900344           |

*These parts are stocked by HMSC and not listed on the web store. Part numbers ending in -Coat are exchange items: we refinish your part (powder coat or PTFE coating), exchange for your core. Call 1-888-202-1788 with the HMSC or Nordson part number.*



KEEP THE RIGHT PARTS ON THE SHELF

## Spare Parts Kits

Legacy Series 7/10 and Nordson ProBlue Parts Guide

### Basic spare parts kit: HMSC T10B83C2S (replaces Nordson 1028332)

| Qty | HMSC       | Part                                      | Nordson |                                                                                     |
|-----|------------|-------------------------------------------|---------|-------------------------------------------------------------------------------------|
| 1   | T10B83P5S  | Filter, 100 mesh                          | 1028305 |   |
| 1   | T10B83B0S  | RTD kit                                   | 1028320 |   |
| 1   | T10B83B1S  | Thermostat kit                            | 1028321 |   |
| 1   | TR10B83B8S | Hose / applicator module (repair service) | 1028328 |   |
| 1   | T10B83B9S  | Main board fuse kit                       | 1028329 |   |
| 1   | T10B83C1S  | Module fuses                              | 1028331 |  |

Order the basic kit complete as T10B83C2S, or the parts one at a time.

### Expanded spare parts (Nordson 1028333)

| Qty | HMSC       | Part                                      | Nordson |                                                                                       |
|-----|------------|-------------------------------------------|---------|---------------------------------------------------------------------------------------|
| 5   | T10B83P5S  | Filter, 100 mesh                          | 1028305 |    |
| 1   | T10B83B0S  | RTD kit                                   | 1028320 |    |
| 1   | T10B83B1S  | Thermostat kit                            | 1028321 |    |
| 1   | TR10B83B8S | Hose / applicator module (repair service) | 1028328 |    |
| 1   | T10B83B9S  | Main board fuse kit                       | 1028329 |    |
| 1   | T10B83C1S  | Module fuses                              | 1028331 |    |
| 1   | T10B83P4S  | Pump service kit                          | 1028304 |  |
| 1   | T10B83P9S  | Manifold service kit                      | 1028309 |  |
| 1   | T10B32H7S  | Air filter                                | 1023267 |  |

Keep a basic kit on the shelf for every production line. Add the expanded parts where downtime is expensive.





REFURBISHED PROBLUE MELTERS, EXCHANGE FOR YOUR CORE

## Exchange Melters

Legacy Series 7/10 and Nordson ProBlue Parts Guide



### ProBlue P4 T10B22C0S

Replaces Nordson 1022230  
**2 hose / gun**  
240 V



### ProBlue P4 T10B22C1S

Replaces Nordson 1022231  
**4 hose / gun**  
240 V



### ProBlue P4 T10B22C7S

Replaces Nordson 1022237  
**2 hose / gun**  
400 / 480 V, no transformer

**Call to  
order**

### ProBlue P7 T10B22C2S

Replaces Nordson 1022232  
**2 hose / gun**  
240 V



### ProBlue P7 T10B22C3S

Replaces Nordson 1022233  
**4 hose / gun**  
240 V



### ProBlue P7 T10B22C9S

Replaces Nordson 1022239  
**4 hose / gun**  
400 / 480 V, no transformer



### ProBlue P10 T10B22C4S

Replaces Nordson 1022234  
**2 hose / gun**  
240 V



### ProBlue P10 T10B22C5S

Replaces Nordson 1022235  
**4 hose / gun**  
240 V



### ProBlue P10 T10B22C6S

Replaces Nordson 1022236  
**6 hose / gun**  
240 V



Completely refurbished and tested, 1 year limited warranty. Exchange requires an equivalent core; parts missing or damaged beyond repair are extra. 400 / 480 V melters ship without the transformer. Additional configurations are available upon request; please call if you need help identifying your machine.



### Not finding your part?

We stock more ProBlue parts than we can list here. Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com) with the Nordson part number, or scan for all ProBlue service items.

## CHAPTER 6

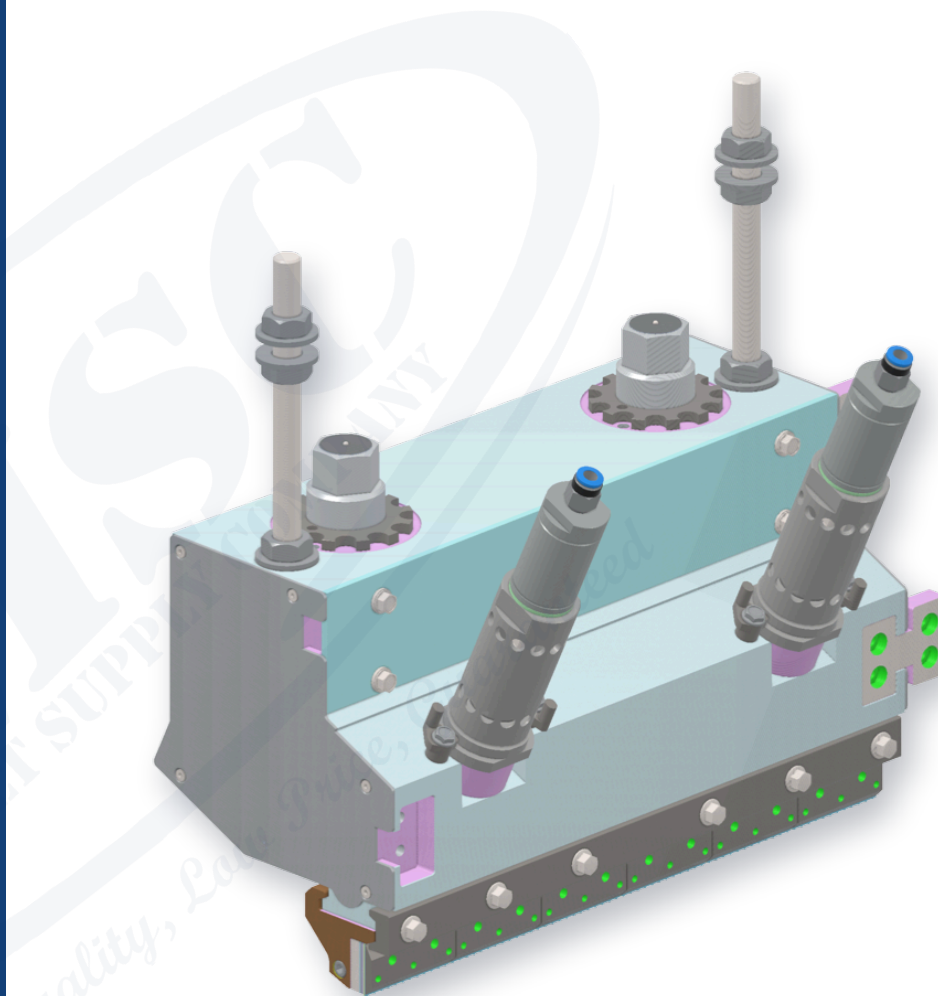
# Nonwovens and Engineered Applicators

## Nonwovens and Engineered Applicators

Nonwovens spray modules, control modules and filters, and examples of custom guns, conversion modules and shim nozzles built by HMSC.

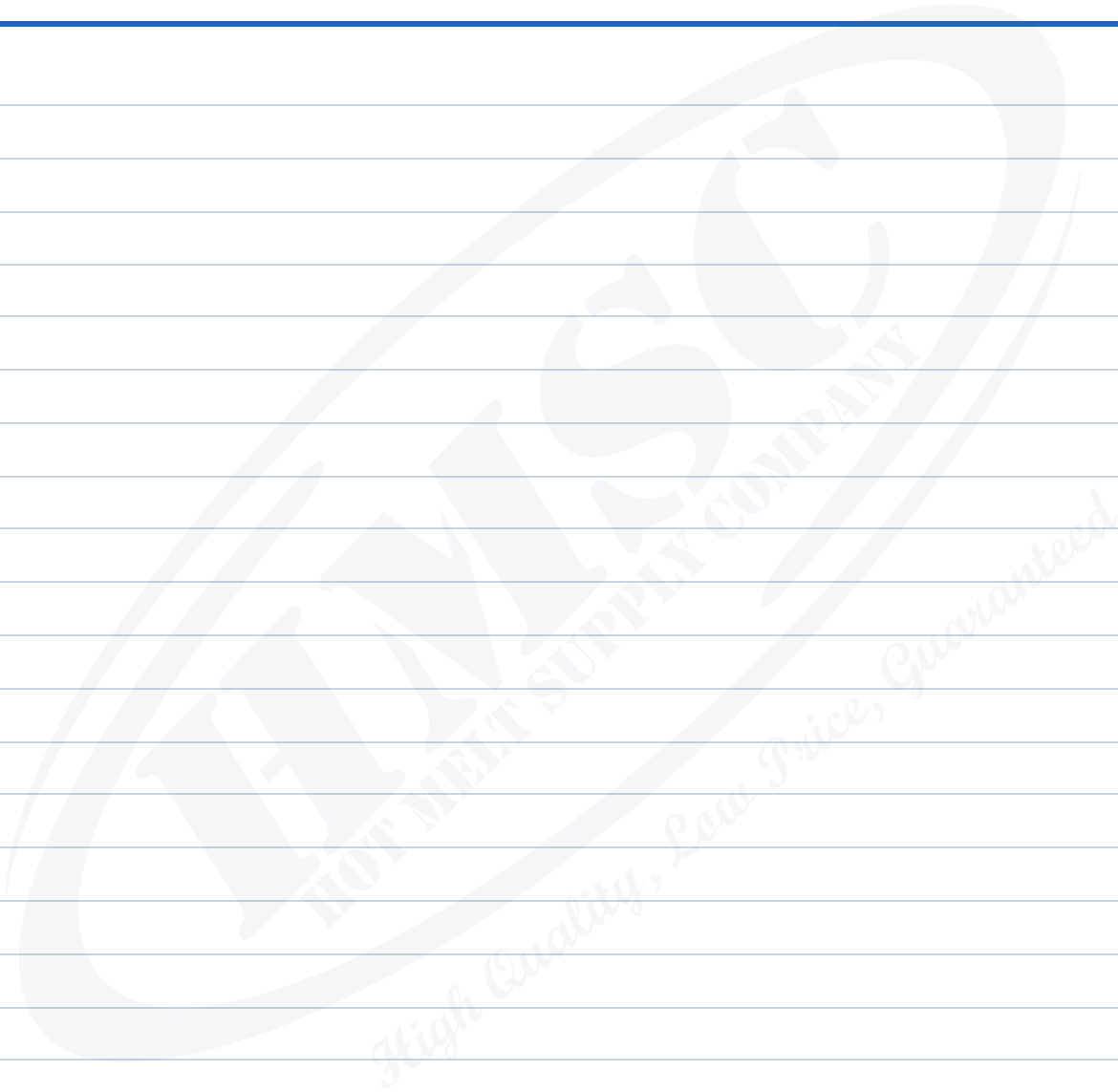
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# Notes





# Nonwovens and Engineered Applicators

Nonwovens and Engineered Applicators

Replacement nonwovens modules, nozzles, filters and complete gun assemblies.

## 1 Modules

Replacement modules for Nordson® and ITW® applicators. High speed modules, machined and assembled to the highest possible precision.

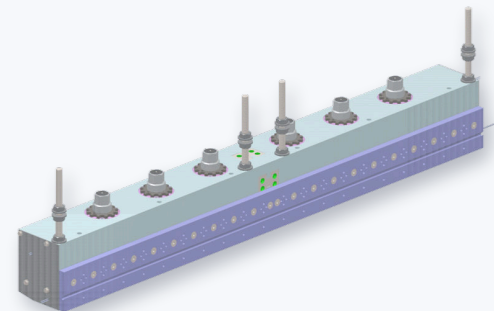
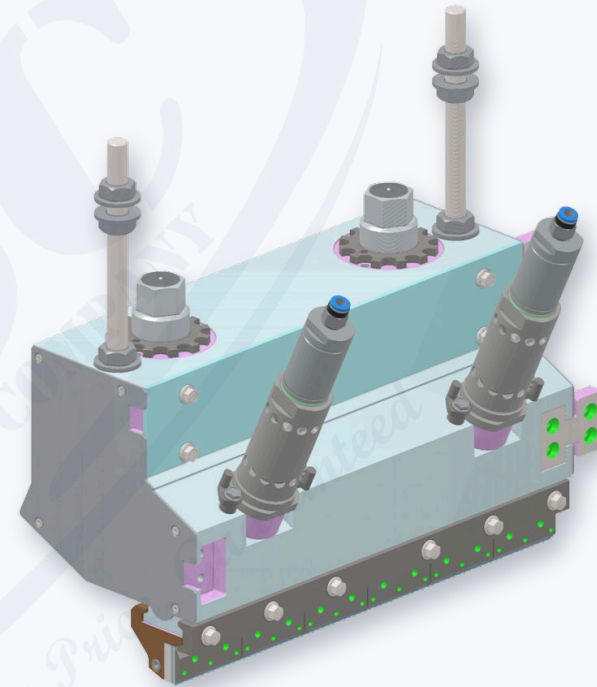
## 2 Filters

Filter sleeves, screens, cartridges and service kits for nonwovens heads and melters, by mesh width.

## 3 Engineering

Solving hard to solve problems on narrow and wide web laminating lines. We create high quality, proprietary products that fit the toughest application challenges in the industry.

Relieve system pressure and let the applicator cool before removing modules or filters. Hot melt and heated parts cause burns.





SPRAY MODULES, REBUILD KIT AND CONTROL MODULES

# Nonwovens Modules

Nonwovens and Engineered Applicators



## UM50 style spray module

### T10F96P1S

Replaces Nordson 1059601  
Stainless steel. Complete module.



## UM25 style spray module

### T10E89N6S

Replaces Nordson 1048996  
Complete module.



## Module rebuild kit

### T10E99P8S

Replaces Nordson 1049908  
Major rebuild kit for UM22,  
UM25 and UM50 style  
modules.



## CF spray module

### T1E49P6S

Replaces Nordson 144906  
CF-200 style spray module.



## Control module, 24 V booster

### T71H20E0S

Replaces Nordson 7162040  
Speedcoat II style, with  
solenoid.



## Control module, 24/48 V ES70

### T71H20H0S

Replaces Nordson 7162060  
Speedcoat II style, with  
solenoid.



## Control module EP10FL

### T71P69F5S

Replaces Nordson 7106955  
/ 7106945  
0.3 mm stroke.



## Control module EP10

### T4P17M4S

Replaces Nordson 401784  
0.3 mm stroke.



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FILTER SLEEVES BY MESH WIDTH (MW, MM)

## Nonwovens Filters

Nonwovens and Engineered Applicators



**Filter sleeve**  
**MW 0.1**  
**T71P36A5S**

Replaces Nordson  
7103615  
100 mm long, with  
spring.



**Filter sleeve**  
**MW 0.1**  
**T2P64H1S**

Replaces Nordson  
206461  
With spring.



**Filter sleeve**  
**MW 0.1**  
**T2F45F3S**

Replaces Nordson  
254553  
KF25.



**Filter sleeve**  
**MW 0.08**  
**T4H29N8S**

Replaces Nordson  
462998  
With spring.



**Filter sleeve**  
**MW 0.08**  
**T2K92E3S**

Replaces Nordson  
279243  
KF25.



**Filter sleeve**  
**MW 0.2**  
**T71P36A7S**

Replaces Nordson  
7103617  
100 mm long, with  
spring.



**Filter sleeve**  
**MW 0.2**  
**T71H70F2S**

Replaces Nordson  
7167052  
150 mm long (XL),  
with spring.



**Filter sleeve**  
**MW 0.2**  
**T71P36B5S**

Replaces Nordson  
7103625  
With spring.



**Filter sleeve**  
**MW 0.2**  
**T2F45F4S**

Replaces Nordson  
254554  
KF25.



**Filter sleeve**  
**MW 0.2**  
**T2F38E0S**

Replaces Nordson  
253840  
GR06.



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SLEEVES, CARTRIDGES, SERVICE KITS AND SCREENS

## Nonwovens Filters (continued)

Nonwovens and Engineered Applicators



**Filter sleeve  
MW 0.2  
T2F38C9S**

Replaces Nordson  
253839  
Sleeve for filter  
assembly 253838.



**Filter sleeve  
T2H92B9S**

Replaces Nordson  
269229



**Filter sleeve  
MW 0.2  
T71P42H7S**

Replaces Nordson  
7104267  
VersaBlue and  
DuraBlue melters.



**Filter cartridge  
MW 0.2  
T2F38C8S**

Replaces Nordson  
253838  
Complete assembly,  
Meltex melters.



**Filter cartridge  
0.2 mm  
T11B01C7S**

Replaces Nordson  
1120137 / 394200  
Complete, VersaBlue  
melters.



**Filter service  
kit MW 0.2  
T3N45N0S**

Replaces Nordson  
394590



**Filter service  
kit MW 0.2  
T71F76K3S**

Replaces Nordson  
7157673  
NE.



**Filter screen  
.006  
T10E92P8S**

Replaces Nordson  
1049208  
UA, in / out.



**Filter screen  
.006  
T1E78M4S**

Replaces Nordson  
147884  
In / out.



**Filter  
T1A62E2S**

Replaces ITW  
116242



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DESIGNED, DRAWN, MACHINED AND ASSEMBLED BY HMSC

# Engineering Capabilities

Nonwovens and Engineered Applicators

When a standard part will not do, our in-house engineering team designs one that will. The examples on the next pages were built for customers from a sample, a drawing or a description of the line.

## 1 Your application

Send us the equipment, pattern, adhesive and line details, or a sample of the part you need to replace.

## 2 Design in 3D CAD

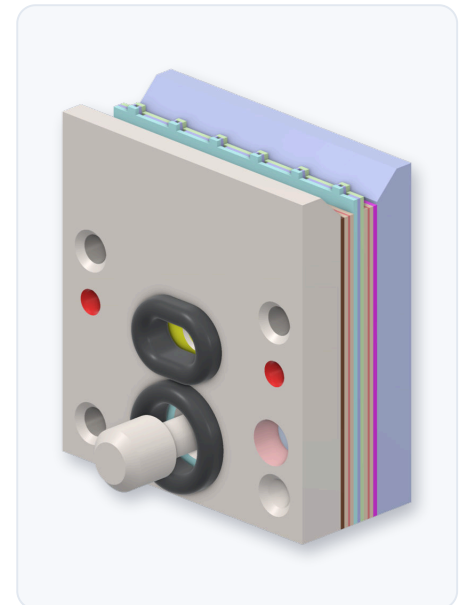
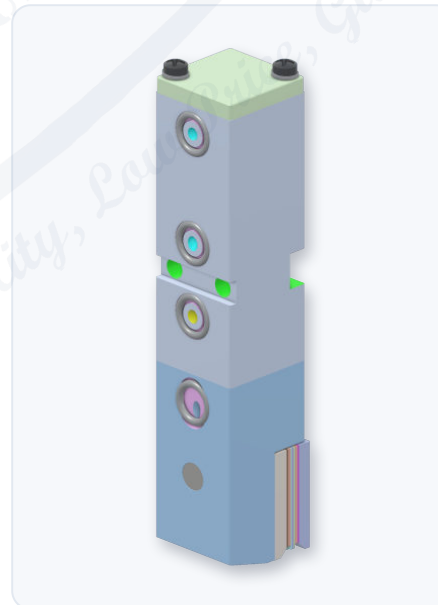
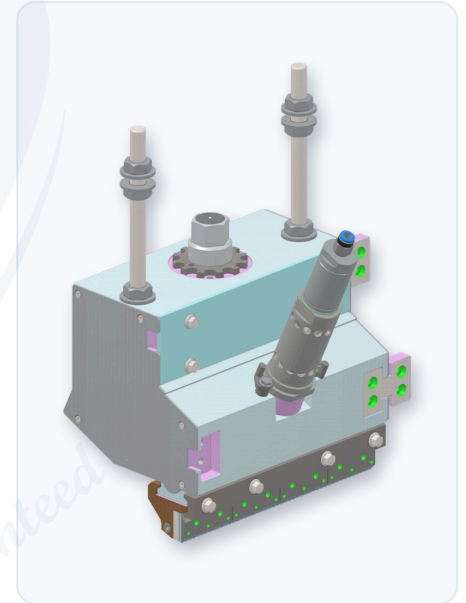
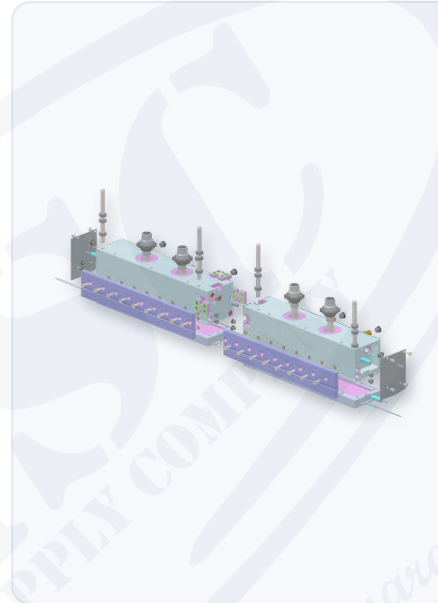
We model the part or the complete gun and check fit, flow paths, heating and air before anything is cut. We work from thousands of engineering drawings of our own.

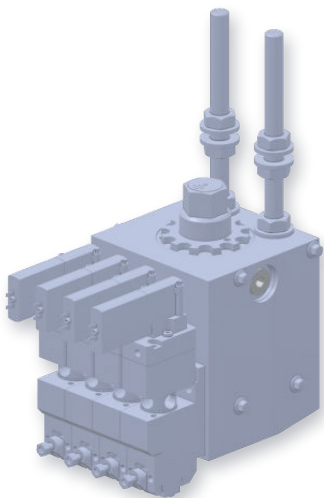
## 3 Machined and assembled

Machined components are made in an ISO 9001 certified machine shop, then assembled by hand and tested before they ship.

## 4 Released and supported

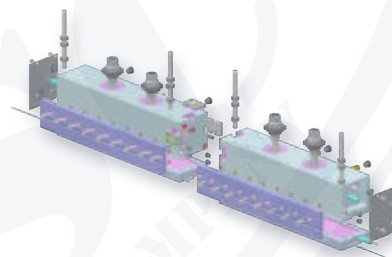
Every design is released with a full BOM, so replacement parts and repeat builds are available later.



**CUSTOM GUN****Four module spray gun**

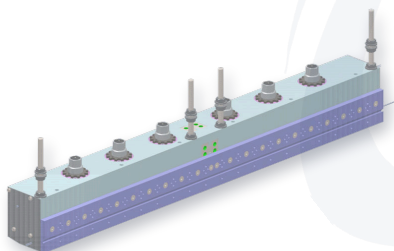
A compact four module gun made for Speedcoat or similar modules.

- Machined manifold with inline filter
- Integrated air heater block
- High temperature solenoid valves on each module

**STOCKED CONFIGURATION****16 module gun, 32 in wide**

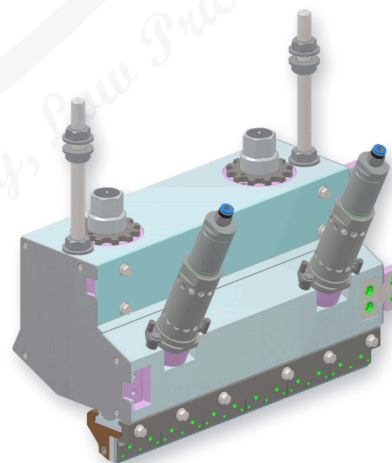
Two manifolds on one mount for a 32 in wide pattern from a single gun.

- 16 modules
- UM50 compatible module mounting
- Air heater block for each manifold

**STOCKED CONFIGURATION****40 in wide web lamination gun**

A wide web lamination gun built from two joined heads.

- Up to 3 filtered hose inlets per head
- UM50 compatible module mounting
- Air heater block for each head

**CUSTOM GUN****Cartridge gun**

Modular design for narrow or wide web applications.

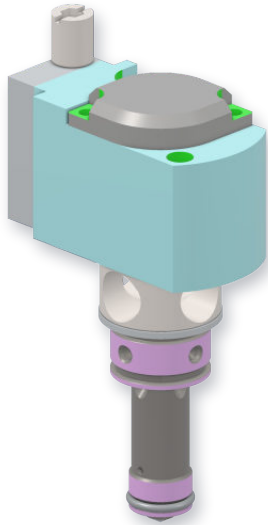
- Available in 2, 4, 8 and 16 in sections
- Modular gun assemblies up to 144 in wide
- Minimal seal design for high temperature laminating, up to 500°F (260°C)
- Slot or fiberized spray nozzles
- Removable valve cartridges



ENGINEERING EXAMPLE

# Special Modules and Nozzles

Nonwovens and Engineered Applicators



## SPECIAL MODULE

### Replacement module for Harmony® applicators

Our spray module design, built to fit Harmony applicators.

- Shared needle seal and piston parts
- Air cap and tube lock designed for the new mount

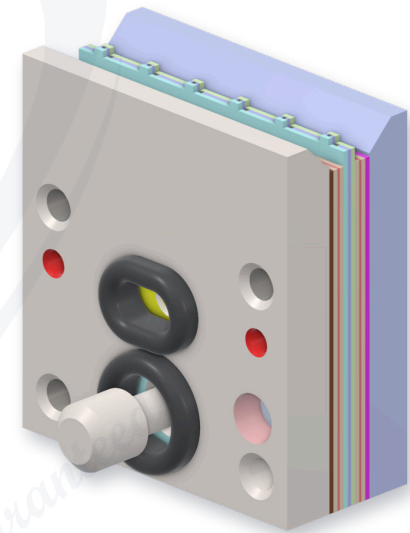


## SPECIAL MODULE

### Low cost replacement for ITW spray modules

Works in place of ITW wide web modules.

- Simple design
- Integral filter
- Shown with the shim nozzle



## SPECIAL NOZZLE

### Shim nozzle

An internally filtered fiberized spray nozzle.

- .010, .012, .015 and .020 in orifices
- Layered shims, precision ground faces
- Multiple versions available



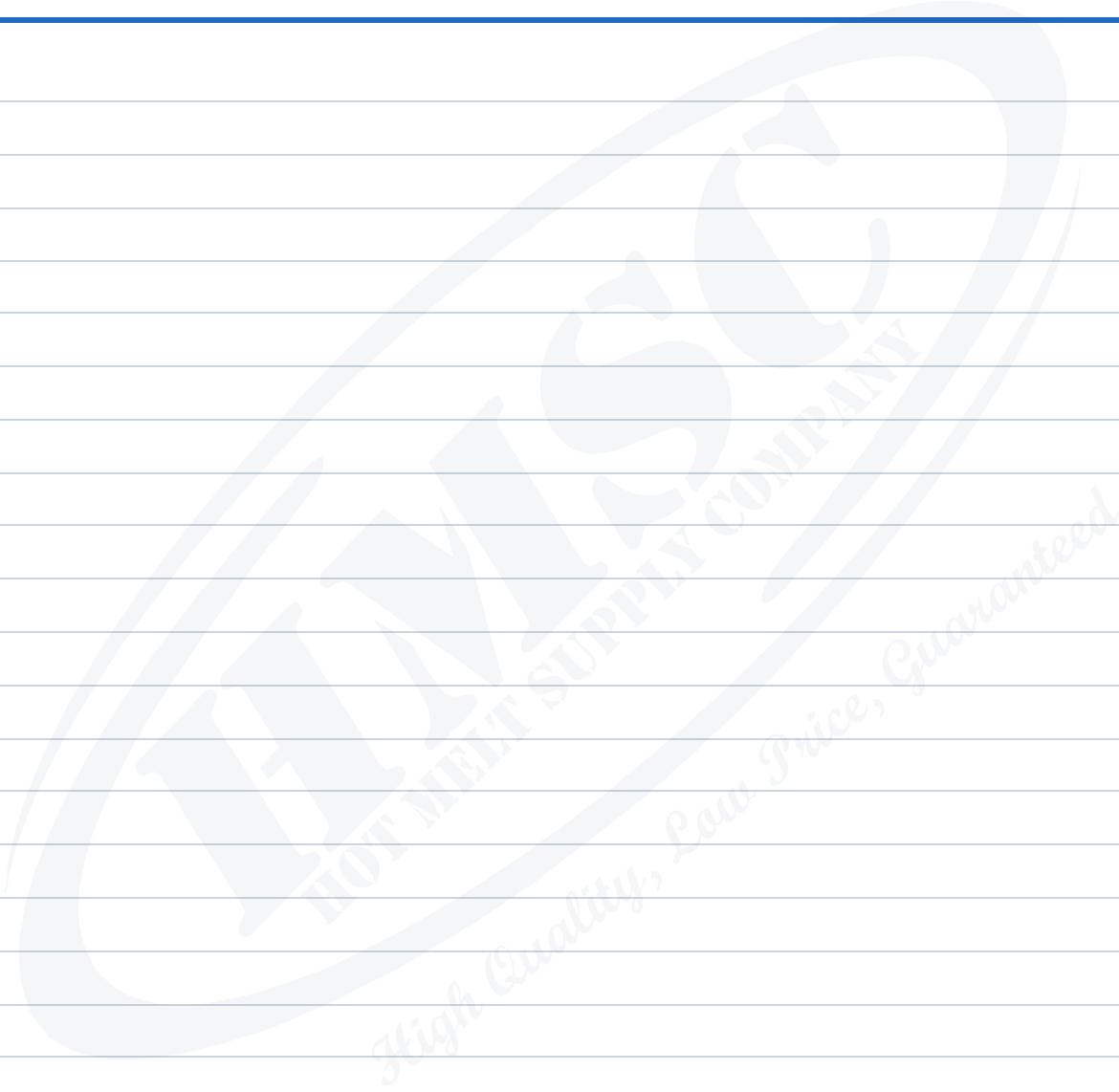
### Have an application we have not shown?

Call 1-888-202-1788 or email [sales@hotmeltsupplyco.com](mailto:sales@hotmeltsupplyco.com). Send the equipment, pattern and adhesive details, or a sample, and our engineering team will quote a solution.

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# Notes



## CHAPTER 7

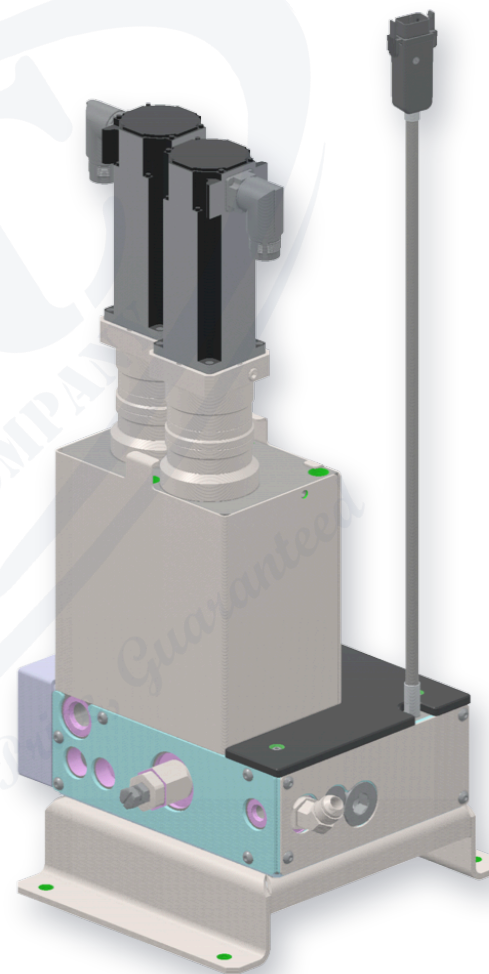
# DeltaMix Foam System

## DeltaMix Foam System

The HMSC tankless gas injection foam system: how it works, specifications, troubleshooting and spares.

Revision 10/2026

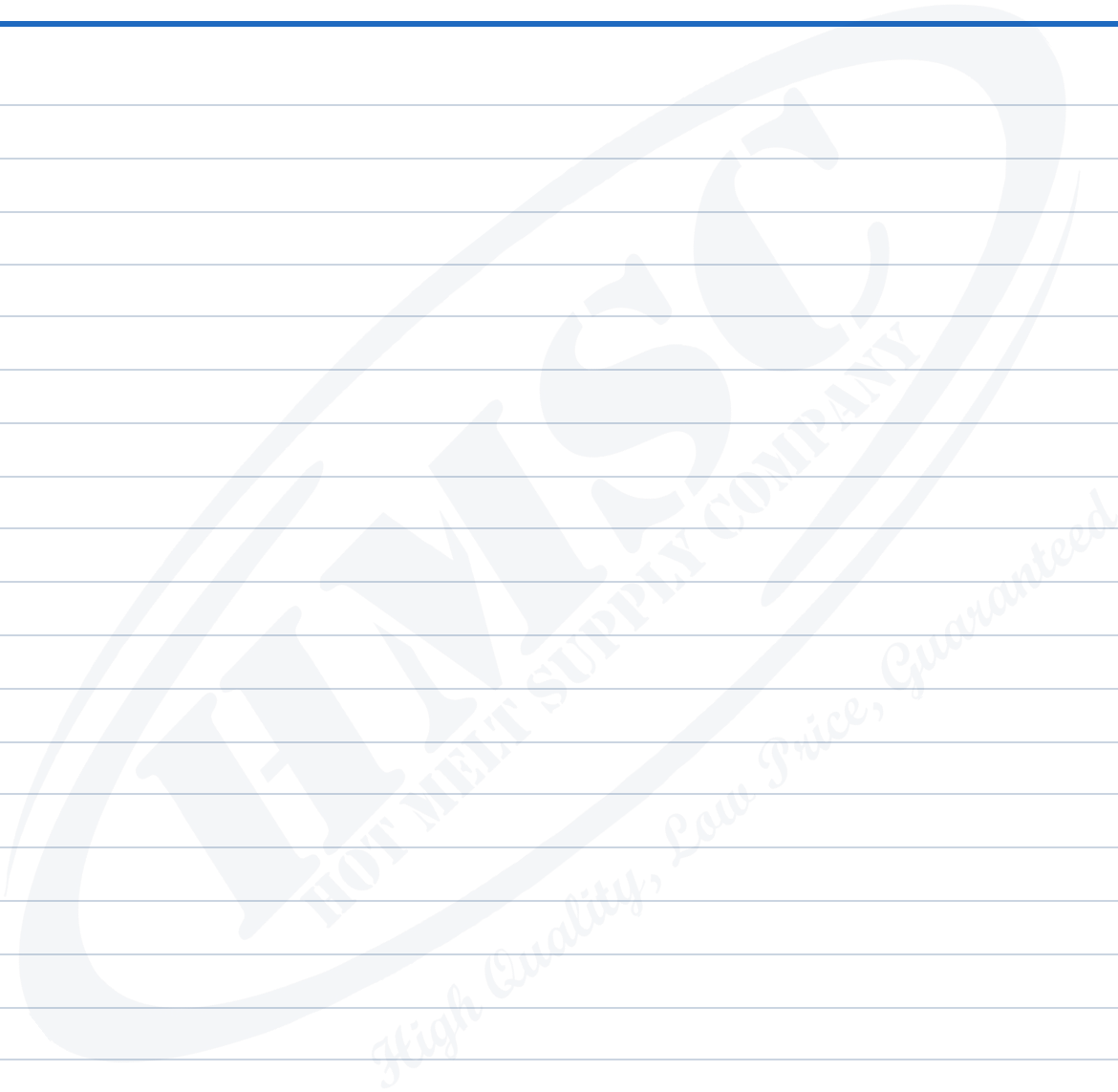
|                            |     |
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| DeltaMix Foam System       | 7-1 |
| How DeltaMix Works         | 7-2 |
| Specifications and Service | 7-3 |







# Notes





# DeltaMix Foam System

DeltaMix Foam System

## TANKLESS GAS INJECTION FOAM SYSTEM

# DeltaMix™

**Precision foam in place density reduction, without the tank.** DeltaMix generates a vacuum between two servo driven positive displacement pumps and draws in nitrogen at low pressure, then homogenizes the blend through a proprietary internal static mixing element, delivering 30 to 70% density reduction with repeatable, programmable control.

**30 to  
70%**

DENSITY  
REDUCTION

**0**

MELT TANKS

**2**

SERVO METERING  
PUMPS

**2,000**

PSI CAPABILITY

**6**

PID HEAT ZONES

### Tankless by design

Fed directly from your existing melter or feed source. No reservoir to char material, no long changeovers, a smaller footprint and faster startup. Foam only where and when you need it.

### Few moving parts

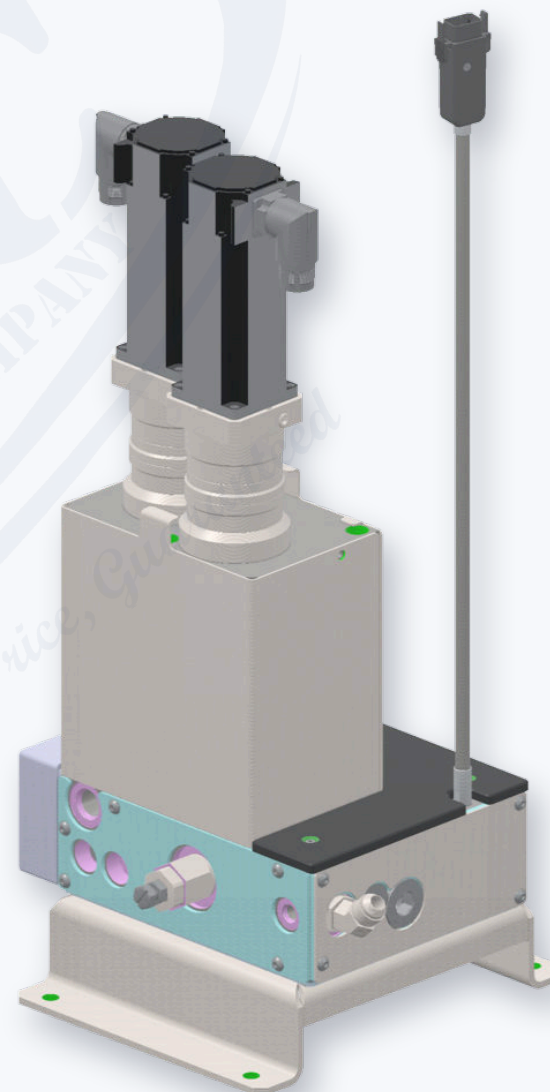
Two positive displacement gear pumps on independent servo drives do the work. No complex mechanical foaming head: less to wear, less to fail, less to stock.

### Built to be serviced

Remove and replace the entire hydraulic section with four bolts. Mobile cart on locking casters, replaceable inlet filter and a manifold pressure drain / prime valve.

### Proprietary mixing

A vacuum between the two pumps draws in nitrogen at low pressure; a proprietary internal static mixing element homogenizes the blend for a fine, consistent closed cell structure.





FEED, INJECT, METER, MIX, DISPENSE

# How DeltaMix Works

DeltaMix Foam System

01

## Feed

Pump 1 draws molten adhesive from your existing melt source at a steady inlet pressure.

02

## Inject

A vacuum generated between the two pumps draws in nitrogen at low pressure.

03

## Meter

Pump 2 runs at a programmable 180 to 220% speed ratio to set the gas fraction.

04

## Mix

The blend is homogenized through the internal static mixing element at 800 to 1,500 psi.

05

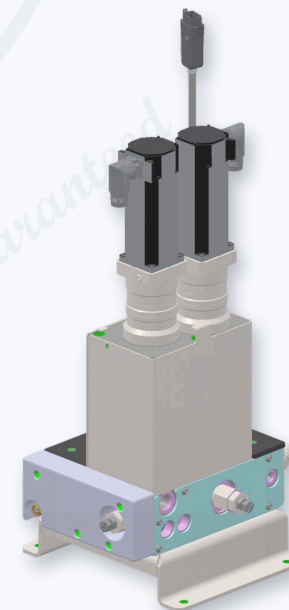
## Dispense

The mixture expands at the nozzle into a stable, low density closed cell foam bead.

## DeltaMix compared with tank based foam systems

|                          | DeltaMix                                                                        | Tank based foam mix systems               |
|--------------------------|---------------------------------------------------------------------------------|-------------------------------------------|
| <b>Material handling</b> | Tankless, fed from your existing melt source                                    | Integrated melt tank to fill and maintain |
| <b>Density reduction</b> | 30 to 70%, programmable                                                         | Typically up to about 50%*                |
| <b>Mixing method</b>     | Vacuum assisted nitrogen injection between dual servo pumps, plus static mixing | Mechanical or gear pump gas mixing        |
| <b>Moving parts</b>      | Two gear pumps on servo drives                                                  | More complex mechanical assemblies        |
| <b>Control</b>           | Programmable ratio and six PID zones                                            | Varies by platform                        |
| <b>Serviceability</b>    | Hydraulic section swaps with four bolts                                         | Often tank and heater service             |
| <b>Pressure</b>          | Up to 2,000 psi                                                                 | Varies                                    |

*\*General industry figure for conventional inert gas foam dispensing. A modern, serviceable alternative to tank based systems such as Nordson Ultra FoamMix and FoamMelt, and Meler foam units.*



**Compact two pump mixer: the hydraulic section removes with four bolts**

DeltaMix is a trademark of Hot Melt Supply Company, LLC. Nordson, Ultra FoamMix and FoamMelt are trademarks of Nordson Corporation; Meler is a trademark of its owner; Allen-Bradley, Micro850 and PanelView are trademarks of Rockwell Automation. Names are used for identification and comparison only. Hot Melt Supply Company is not affiliated with these companies.



# Specifications and Service

## At a glance

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| Density reduction             | 30 to 70% (adhesive dependent)                         |
| Metering pumps                | 2 x 7.73 cc/rev gear pumps, servo driven, 25:1 gearbox |
| Speed ratio (pump 2 : pump 1) | 100 to 250% (typically 180 to 220%)                    |
| Process gas                   | Nitrogen, 25 to 35 psi injection                       |
| Outlet pressure               | 800 to 1,500 psi target; 2,000 psi maximum             |
| Adhesive inlet                | Under 400 psi, constant pressure and volume            |
| Heat zones                    | Up to 6, independent PID (tank, grid, 2 hoses, 2 guns) |
| Controls                      | Allen-Bradley Micro850, PanelView 800 7 in touchscreen |
| Power                         | 240 V AC, 3 phase, 40 A                                |
| Size                          | 24.1 x 43.1 x 47.1 in (W x D x H), mobile cart         |
| Materials                     | Thermoplastic hot melt adhesives                       |
| Build                         | Built in a UL listed environment; UL and CE on request |

## Recommended spares

| Part                   | Use                                                | HMSC      |
|------------------------|----------------------------------------------------|-----------|
| Filter service kit     | Replace on adhesive change or per service interval | T3N42P0S  |
| RTD service kit        | Per heated zone                                    | T10B83B0S |
| Thermostat service kit | Tank / grid over temperature                       | T10B83B1S |
| Gear pump              | Critical spare, longer lead                        | T7B91P7S  |
| Pressure control valve | Critical spare                                     | T3A01F9S  |

## Troubleshooting

| Symptom                           | Likely cause                                                  | Action                                                                               |
|-----------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| No or low density reduction       | Gas off or too low, speed ratio too low, gas leak             | Confirm gas on and in range; raise ratio or gas pressure in small steps; leak check. |
| Inconsistent density, poor mixing | Wrong ratio or gas pressure, unstable gas, contamination      | Re-verify ratio and gas set point; stabilize gas; flush; recalibrate.                |
| Low or erratic hydraulic pressure | Empty supply, clogged filter, worn seals, air in the adhesive | Refill supply; replace filter; purge air; replace pump seals.                        |
| Pumps will not start              | Interlock or enable missing, drive fault, obstruction         | Check enables and HMI alarms; clear the drive fault; check for obstruction.          |
| Zone not reaching set point       | Heater, RTD or wiring                                         | Check heater resistance and RTD reading; replace the failed part.                    |
| Nitrogen pressure low alarm       | Gas supply or regulator                                       | Confirm the supply and regulator pressure.                                           |
| Pump 2 overspeed alarm            | Speed or ratio past the pump limit                            | Reduce the speed or ratio setting.                                                   |
| Adhesive or gas leak              | Worn seal, O-ring or fitting                                  | Relieve pressure; replace the seal or fitting; call HMSC for service kits.           |

*Before service: stop gas injection and bleed the gas line, stop the pumps, open the pressure drain valve slowly into a heat resistant container, lock out power and let the unit cool below 120°F (50°C).*

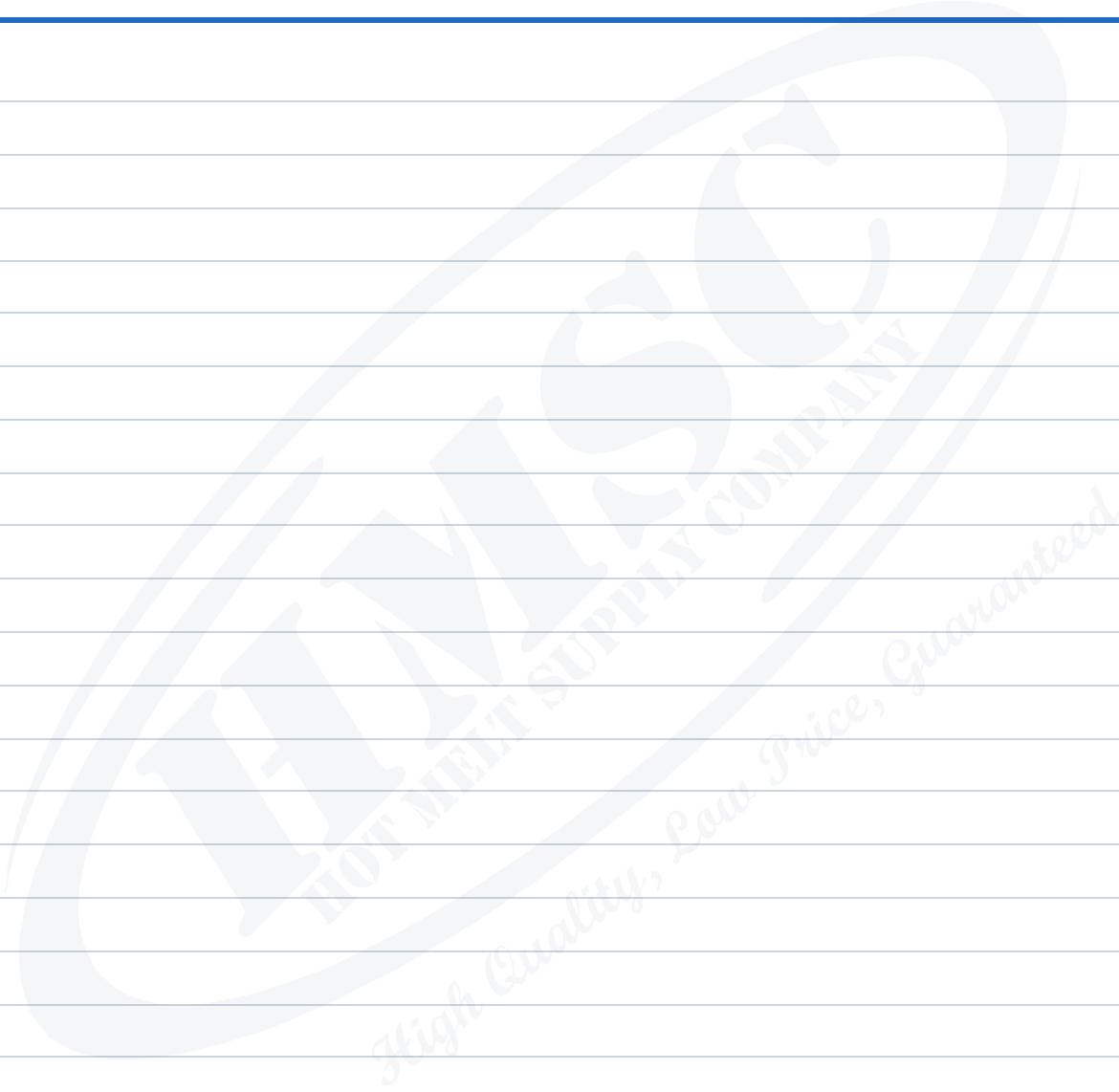


## See DeltaMix run on your line

Ask about a demonstration or process trial: 1-888-202-1788, sales@hotmeltsupplyco.com. Scan for the DeltaMix savings and settings calculator.



# Notes



## CHAPTER 8

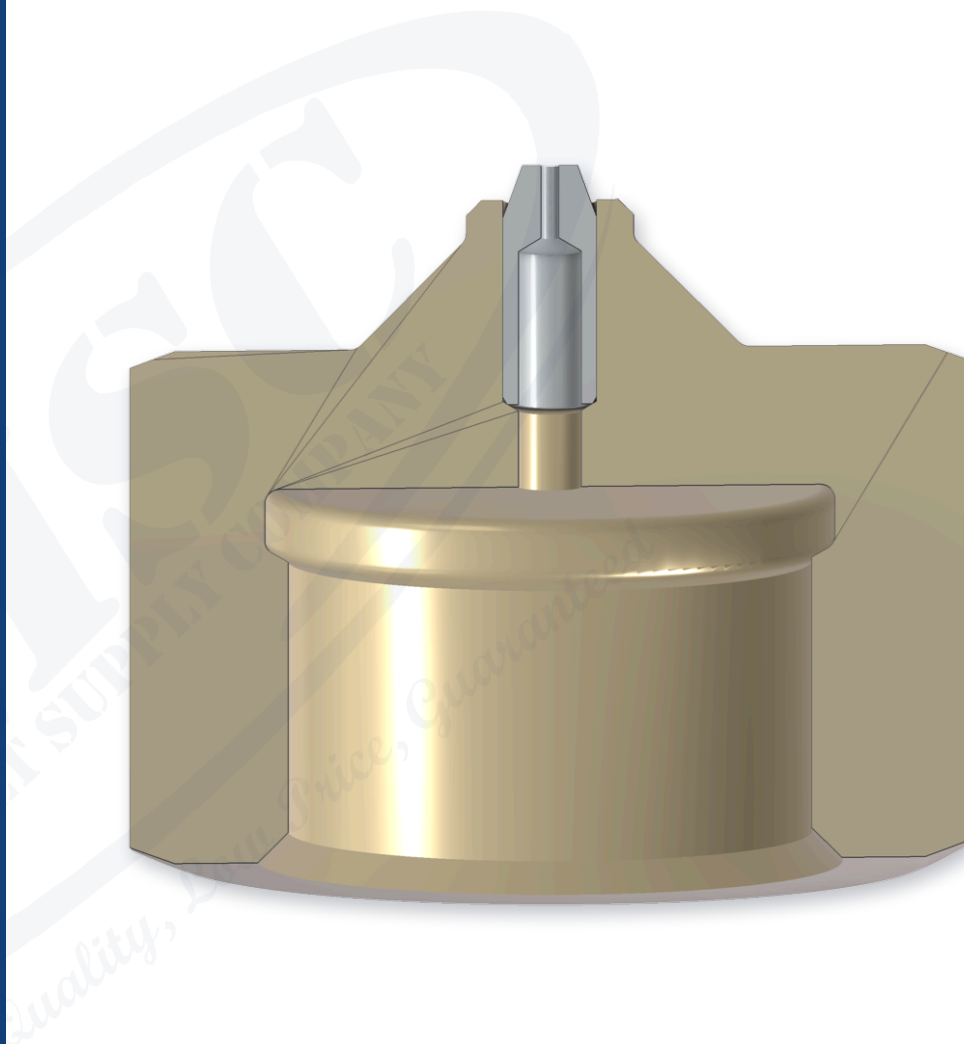
# Cleaning and Troubleshooting

## Cleaning and Troubleshooting

Tank cleaning, flushing and purging; modules that will not open, close or seal; nozzle clogs; and QR links to the HMSC online tools.

Revision 10/2026

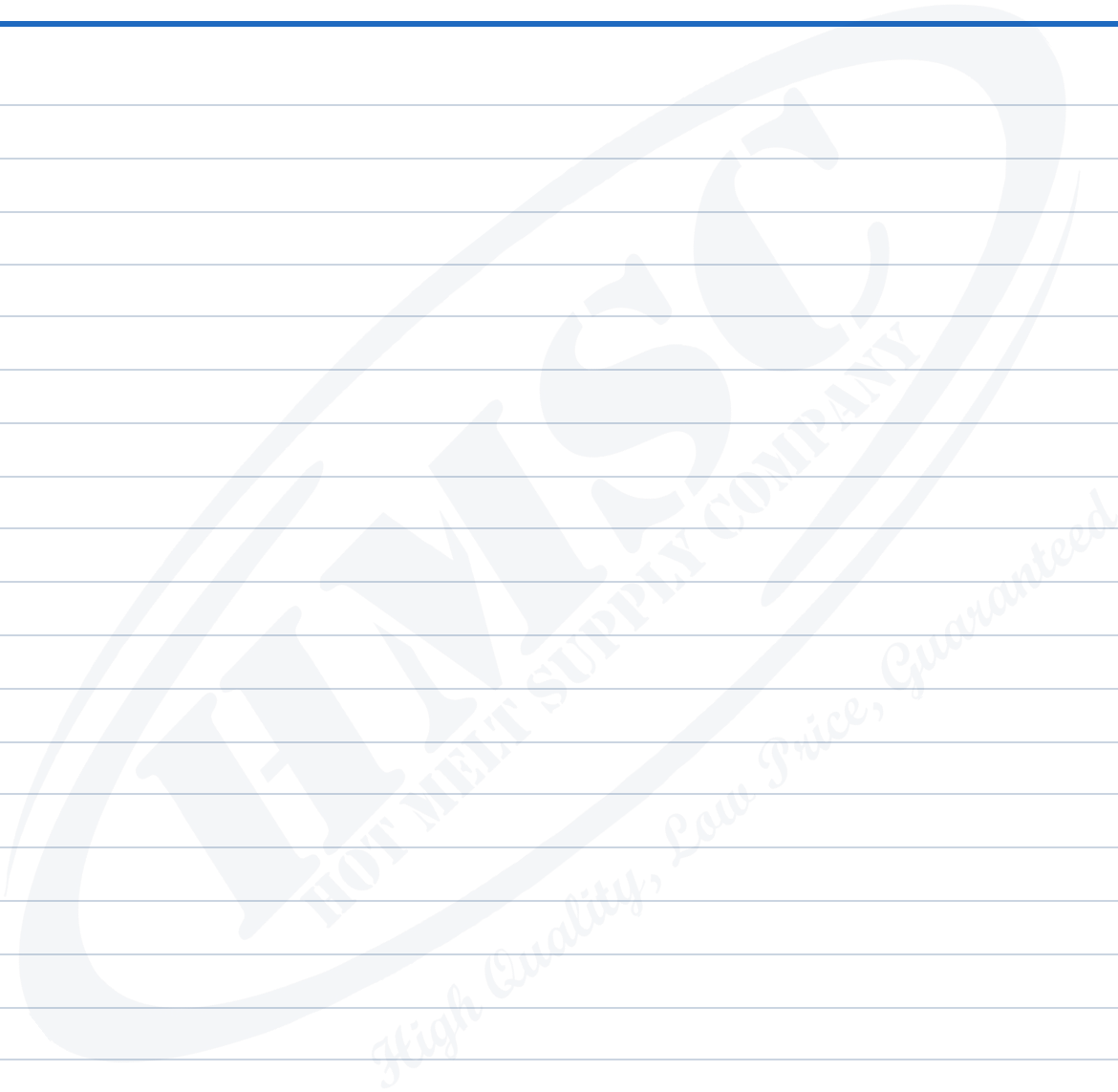
|                                     |     |
|-------------------------------------|-----|
| Cleaning and Troubleshooting        | 8-1 |
| Tank Cleaning, Flushing and Purging | 8-2 |
| Module Troubleshooting              | 8-3 |
| Nozzle Clogs and Buildup            | 8-4 |
| Online Tools                        | 8-5 |







# Notes





# Cleaning and Troubleshooting

Cleaning and Troubleshooting

Most hot melt problems start with char, debris, the wrong air pressure or the wrong temperature. Find the symptom, then go to the page shown.

| Symptom                                    | Go to                                          |
|--------------------------------------------|------------------------------------------------|
| Adhesive is dark, has specks or char       | Tank Cleaning, Flushing and Purging            |
| Changing to a different adhesive           | Tank Cleaning, Flushing and Purging            |
| Module will not open, or opens late        | Module Troubleshooting                         |
| Module will not close, or keeps dispensing | Module Troubleshooting                         |
| Module drips or strings                    | Module Troubleshooting                         |
| Bead is thin, missing or off line          | Nozzle Clogs and Buildup                       |
| Adhesive builds up on the nozzle tip       | Nozzle Clogs and Buildup                       |
| Melter fault code or heater problem        | Online Tools: ProBlue and Flex troubleshooters |

## Relieving system pressure

*Do this before every procedure in this chapter.*

- 1 Switch the melter off**  
Turn off the melter, or stop the pump.
- 2 Open the drain valve**  
Lower the drain chute, place a waste container under it and slowly open the drain valve to release pressure.
- 3 Close the valve**  
Close the drain valve, wipe it clean and raise the chute.
- 4 Trigger the guns**  
Trigger each gun into a waste container until adhesive stops flowing.

**Safety.** Hot melt, heated parts and adhesive under pressure cause burns. Wear heat resistant gloves, safety glasses and long sleeves. Relieve system pressure before opening any fitting, filter, module or nozzle.



WHEN CHANGING ADHESIVE, OR WHEN CHAR BUILDS UP

# Tank Cleaning, Flushing and Purging

Cleaning and Troubleshooting

1

## Empty the tank

Run the melter normally until the tank is empty, then stop the pump.

2

## Set the temperature

Let the melter heat or cool to the temperature on the cleaning fluid data sheet.

3

## Wipe out the tank

Wearing protective equipment, wipe residual adhesive and loose char from the tank walls.

4

## Flush the melter only

Run the flush through the melter hydraulic system only. Turn off all production hoses: flushing them breaks down char on the hose walls that purging cannot fully clear. Connect an old or spare service hose from the manifold back into the tank, add hot melt flush and circulate it for 20 to 30 minutes. Then pump the fluid through the service hose into a high temperature safe vessel.

5

## Hand clean the tank

Remove char and cleaning solution residue from the tank by hand.

6

## Purge

Add fresh adhesive and purge through the service hose until all cleaning fluid is removed. Open the drain valve slowly and pump out the rest of the purge material.

7

## Replace the tank filter

Install a new pump (tank) filter.

8

## Purge the production hoses

Remove the inline filters. With a high temperature safe vessel under each inline filter adapter, pump fresh adhesive through the production hoses and out of the adapter until clean, char free adhesive comes out. If char remains, replace the hose.

9

## Replace the filters

Install new inline or integrated filters.

10

## Purge the guns

Remove the nozzles and purge fresh adhesive through the gun and modules. Fire the guns onto white paper in a heat safe container and inspect for char. If char persists, keep purging; when it is clean, reinstall the nozzles.



### Hot melt flush, 1 gal T2K07F5S

Replaces Nordson 270755



### Hot melt flush, 5 gal T2K07F6S

Replaces Nordson 270756



### Melter flushing kit T10K23H8S

Replaces Nordson 1072368  
With fluid.



*Clean when changing adhesive type or grade, or when char builds up. Use the cleaning fluid named on your adhesive data sheet; never use a flammable solvent, water or steam on a melter.*

Procedures are general guidance; always follow the equipment manual and the adhesive and cleaning fluid data sheets. Nordson and ProBlue are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation.



NOT OPENING, NOT CLOSING, LEAKING

## Module Troubleshooting

Cleaning and Troubleshooting

### Will not open, or opens late

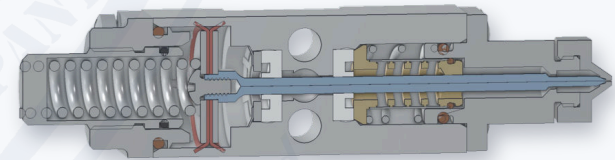
- Air pressure too low for the hydraulic pressure. Set the air at or above the minimum in the air pressure table (Modules chapter).
- No air signal: check the solenoid (24 VDC at the coil, LED on), the timer or pattern control output and the air line.
- AOAC air lines swapped between the open and close ports, resulting in reverse operation.
- Module or adhesive below temperature, or char holding the needle or ball.
- Worn air piston seals: rebuild or replace the module.

### Will not close, or keeps dispensing (leaking when stopped)

- AOAC: no air on the close port. AOSC: weak or broken spring.
- Solenoid stuck open, or its exhaust blocked.
- Between module and gun: replace the module O-rings.
- Char or debris on the seat holding the needle or ball open.

### Drips or strings

- Clogged or partially clogged nozzle.
- Nozzle loose or seat face damaged. Clean the faces and tighten the nozzle to 40 in-lb.
- Viscosity too high: increase the adhesive temperature in 5 degree steps.
- Hydraulic pressure too low: increase the nozzle diameter, use a shorter nozzle barrel, or increase pump pressure.
- This can look like leaking. If it stops when the line stops, the adhesive is likely sticking or not fully clearing the nozzle after each shot.



*Check air pressure first: the minimum applicator air rises as hydraulic pressure drops (55 psi at 550 psi and above, 65 psi from 400 psi, 75 psi from 250 psi). 60 psi is the nominal solenoid pressure.*

*HMSC modules are tested to open at the minimum opening pressure and to fully open, close and seal before they ship. See the Modules chapter for replacements.*



CLEARING A NOZZLE, AND KEEPING IT CLEAR

# Nozzle Clogs and Buildup

Cleaning and Troubleshooting

## 1 Relieve pressure

Relieve system pressure and keep the gun at operating temperature.

## 2 Remove the nozzle hot

Wearing heat resistant gloves, remove the nozzle with the correct wrench.

## 3 Probe the orifice

Push a cleaning probe a little smaller than the orifice through from the tip. Do not drill or use a larger wire: it enlarges the orifice and changes the bead.

## 4 Clean the faces

Wipe the nozzle seat and threads clean while warm. Do not scrape the tip with steel tools.

## 5 Reinstall and check

Reinstall the nozzle, then check the bead and pattern. If it will not clear, replace the nozzle.



### Nozzle cleaning kit T9P19A5S

Replaces Nordson 901915  
Pin vise, case and .007, .011 and .014 probes.



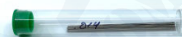
### Cleaning probe .007 T9P19B2S

Replaces Nordson 901922  
Pack of 10.



### Cleaning probe .011 T9P19B3S

Replaces Nordson 901923  
Pack of 10.



### Cleaning probe .014 T9P19B4S

Replaces Nordson 901924  
Pack of 10.



### Cleaning probe .018 T10C20P2S

Replaces Nordson 1032002  
For .020 to .024 orifices, pack of 10.



### Pin vise T9P19A6S

Replaces Nordson 901916  
Holds the cleaning probes.



## Keep nozzles clear

- Change the pump filter on schedule, and use inline hose filters or filtered modules on small orifices (.008 and .012).
- Keep tank and hose temperatures at the adhesive data sheet setting, and use standby to stop char.
- Clean the tank when char shows.

Procedures are general guidance; always follow the equipment manual and the adhesive and cleaning fluid data sheets. Nordson and ProBlue are trademarks of Nordson Corporation. Hot Melt Supply Company is not affiliated with Nordson Corporation.



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## Online Tools

Cleaning and Troubleshooting



### Troubleshooter and Parts

Ask a question in plain words and get an answer from more than 200 Nordson service manuals, with the manual pages.



### ProBlue Troubleshooter

ProBlue 4, 7, 10, 15, 30 and 50: fault flowcharts, power path, boards and drills.



### ProBlue Flex Troubleshooter

ProBlue Flex melters: faults, power path, boards, zones and drills.



### Gun Configurator

Build a gun configuration code, HMSC part number and bill of materials from dropdowns.



### Line Audit

Document every melter, hose and gun on a line and build its spare parts list.



### Quote Builder

Search the catalog and send an itemized quote request.



### Glue Usage Calculator

Model each bead: nozzle flow, stitch savings and cost per box, hour and pound.



### GSM / Pump RPM

Coat weight and pump speed for slot and spray coating lines.



### DeltaMix Calculator

Foamed adhesive savings, density targets and machine settings.



### All tools in one place

Scan for the HMSC tools page, or call 1-888-202-1788. The calculators and troubleshooter are open to every signed in customer; quotes, line audits and the ProBlue and Flex troubleshooters are activated by HMSC when we link your account to your customer number.





# Notes

